CONSTRUCTION NEWS

Engineering News-Record, April 23, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded are the following big jobs:

Proposed Work

Chapel, Princeton, N. J., Princeton University having preliminary plans prepared, $1,500,000.

Mill, Kenora, Ont., Backus Brooks Co. plans mill, $1,500,000.

Apartment, Dallas, Tex., R. A. Nelson Co., having plans prepared, $1,500,000.

Terminal, Buffalo, N. Y., Cleveland-Buffalo Transit Co. plans buildings, to exceed $1,000,000.

Apartment, Chicago, Ill., D. Schetnity plans building, $1,000,000.

Dock, St. Johns, N. F. plans dock, $1,000,000.

Theater, Youngstown, O., Warner Bros. plans theater, $1,000,000.

Laundry, Miami Beach, Fla., Sanitary Cleaning Co. plans laundry, $1,000,000.

Libraries, Los Angeles, Calif., plans election for $1,000,000 bonds.

Bridge, New York, N. Y., City and N. Y. Central R.R. plan bridge, $1,000,000.

Apartment, New York, N. Y., Phipps Estate having plans prepared, $1,000,000.

Flood prevention and irrigation, Harlingen, Tex., Cameron Co. plans bond election, $800,000.

Bids Wanted On Big Jobs

Theater and office, St. Louis, Mo., Skousas Bros., April 27, $2,300,000.

Nurses Home, New York, N. Y., Mt. Sinai Hospital soon takes bids, $1,500,000.

Water works, Vancouver, B. C., May 6 by city clerk, $1,250,000.

Office, Dayton, O., May 5, Schenk & Williams, $1,000,000.

Large Contracts Let During Week

Hotel, Chicago, Ill., Hotel La Salle Co. to George A. Fuller Co. of N. Y. C. $18,000,000.

Subway, New York, N. Y., Bd. Transportation to J. F. Cogan Co., $4,190,000.

Dam, Quincy, Calif., Great Western Power Co., to Foundation Co. of San Francisco, $2,000,000.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Apr. 25	Wrightsville Beach (Sea Gate P. O.), N. C.	Apr. 23
Apr. 27	Towson, Md.	Apr. 2
Apr. 27	Los Angeles, Calif.	Apr. 16
Apr. 27	Parshall, N. D.	Apr. 23
Apr. 28	Carthage, N. C.	Apr. 23
Apr. 28	Churchpoint, La.	Apr. 9
Apr. 28	Detroit, Mich. Adv. Apr. 16.	Apr. 16
Apr. 29	Cleveland, O.	Apr. 23
Apr. 29	New York, N. Y.	Apr. 23
Apr. 30	Ashland, Pa. Adv. Apr. 9 to 23.	Apr. 16
Apr. 30	Manitowoc, Wis.	Apr. 23
May 1	Marshfield, Wis.	Apr. 23
May 2	Green Bay, Wis.	Apr. 23
May 4	Stillwater, Minn.	Apr. 16
May 5	Wisconsin Rapids, Wis.	Apr. 23
May 5	Waseca, Minn.	Apr. 16
May 5	Drummondville, Que.	Apr. 23
May 5	Bayville, N. Y. Adv. Apr. 16 and 23.	Apr. 23
May 6	Vancouver, B. C.	Apr. 23
May 7	High Point, N. C. Adv. Apr. 16 and 23.	Apr. 9
May 7	Narrowsburg, N. Y. Adv. Apr. 23.	Apr. 23
May 11	Tallahassee, Fla. Adv. Apr. 9 to 23.	Apr. 9

SEWERS

Bids Close		See Eng. News-Record
Apr. 25	Sloan, N. Y.	Apr. 16
Apr. 26	St. Paul, Minn.	Apr. 23
Apr. 27	Crystal Beach, Ont.	Apr. 23
Apr. 27	Mamaroneck, N. Y. Adv. Apr. 23.	Apr. 23
Apr. 28	Hartford, Wis.	Apr. 23
Apr. 28	Tampa, Fla.	Apr. 9
Apr. 28	New York, N. Y.	Apr. 23
Apr. 28	Columbus, O.	Apr. 23
Apr. 29	East Chicago, Ill. Adv. Apr. 9 and 16.	Apr. 9
Apr. 29	Baltimore, Md.	Apr. 23
Apr. 29	Cleveland, O.	Apr. 23
Apr. 30	Cedar Rapids, Ia.	Apr. 23
Apr. 30	Morris, Ill.	Apr. 16
Apr. 30	Norwalk, Conn. Adv. Apr. 16 and 23.	Apr. 16
Apr. 30	Wallingford, Conn.	Apr. 16
Apr. 30	Leetonia, O.	Apr. 16
May 1	Cleveland, O.	Apr. 23
May 4	Gary, Ind. Adv. Apr. 23.	Apr. 23
May 4	Adrian, Mich. Adv. Apr. 23.	Apr. 23
May 5	Summit, N. J. Adv. Apr. 23.	Apr. 23
May 6	Peterboro, Ont.	Apr. 23
May 8	Louisville, Ky. Adv. Apr. 16 and 23.	Apr. 16

BRIDGES

Bids Close		See Eng. News-Record
Apr. 29	Canton, O.	Apr. 23
Apr. 29	Cleveland, O.	Apr. 23
Apr. 30	Brigden, Ont.	Apr. 23
Apr. 30	Dewar, Okla.	Apr. 23
May 1	Dayton, O. Adv. Apr. 9 to 23.	Apr. 9
May 1	Stevens Point, Wis.	Apr. 23
May 4	California	Apr. 23
May 4	Lewistown, Pa.	Apr. 23
May 5	Sweetwater, Tex.	Apr. 16
May 8	Dayton, O. Adv. Apr. 23.	Apr. 23
May 13	Alabama	Apr. 16

RAILWAYS

Bids Close		See Eng. News-Record
May 7	New Jersey Adv. Apr. 2, 9 and 23.	Apr. 2

EXCAVATION, DRAINAGE IRRIGATION, LEVEES

Bids Close		See Eng. News-Record
Apr. 27	Leesburg, Fla.	Mar. 12
Apr. 27	St. James, Minn.	Apr. 23
Apr. 28	Granite Falls, Minn.	Apr. 16
Apr. 28	Hartford, Conn.	Apr. 23
Apr. 29	Tracy, Calif.	Apr. 16
Apr. 30	New York, N. Y.	Apr. 23
May 1	Henderson, Ky.	Apr. 9

STREETS AND ROADS

Bids Close		See Eng. News-Record
Apr. 24	New York, N. Y. Adv. Apr. 9 to 23.	Apr. 9
Apr. 24	Memphis, Tex.	Apr. 9
Apr. 24	Tennessee	Apr. 9
Apr. 24	Georgia	Apr. 9
Apr. 24	Madison, Wis.	Apr. 9
Apr. 24	Loup City, Neb.	Apr. 16
Apr. 24	Rhinelander, Wis.	Apr. 16
Apr. 24	Fond du Lac, Wis.	Apr. 16
Apr. 24	Nashville, Tenn.	Apr. 16
Apr. 24	Georgia	Apr. 16
Apr. 24	Missouri	Apr. 16
Apr. 25	Brownsville, Ky.	Apr. 16
Apr. 27	Seattle, Wash.	Apr. 9
Apr. 27	San Augustine, Tex.	Apr. 9
Apr. 27	Monmouth Beach, N. J.	Apr. 9
Apr. 27	New Jersey	Apr. 9
Apr. 27	California	Apr. 16
Apr. 27	Vermilion, S. D.	Apr. 16
Apr. 27	South Bend, Ind.	Apr. 16
Apr. 27	Long Island City, N. Y.	Apr. 23
Apr. 27	New York, N. Y.	Apr. 23
Apr. 27	Maryville, Mo.	Apr. 23
Apr. 27	Cardell, Okla.	Apr. 23
Apr. 27	Weleetka, Okla.	Apr. 23
Apr. 27	Green Bay, Wis.	Apr. 23
Apr. 27	Buffalo, N. Y.	Apr. 23
Apr. 27	Scotia, N. Y. Adv. Apr. 23.	Apr. 23
Apr. 27	Golden, B. C.	Apr. 23
Apr. 27	Milwaukee, Wis.	Apr. 23
Apr. 28	Paris, Tenn.	Apr. 23
Apr. 28	Hartford, Conn.	Apr. 23
Apr. 28	Oklahoma	Apr. 23
Apr. 28	Kingman, Kan.	Apr. 23
Apr. 28	Wisconsin	Apr. 23
Apr. 28	St. Paul, Minn.	Apr. 23
Apr. 28	Stratford, Ont.	Apr. 23
Apr. 28	Massachusetts	Apr. 23
Apr. 28	Virginia	Apr. 16
Apr. 28	Washington	Apr. 16
Apr. 28	Bartow, Fla.	Apr. 16
Apr. 28	North Dakota	Apr. 16
Apr. 28	Watooka, W. Va.	Apr. 16
Apr. 28	Massachusetts	Apr. 16
Apr. 28	New York, N. Y.	Apr. 23
Apr. 28	Maryland Adv. Apr. 23.	Apr. 23
Apr. 28	South Bend, Ind.	Apr. 23
Apr. 28	Louisiana	Apr. 23
Apr. 28	Merrill, Wis.	Apr. 23
Apr. 29	Providence, R. I.	Apr. 9
Apr. 29	Cape May, N. J. Adv. Apr. 9 to 23.	Apr. 9
Apr. 29	Nevada	Apr. 16
Apr. 29	Baltimore, Md.	Apr. 23
Apr. 29	Arkansas	Apr. 23
Apr. 29	Sulphur, Okla.	Apr. 23
Apr. 30	Denver, Colo.	Apr. 23
Apr. 30	New York, N. Y.	Apr. 23
Apr. 30	Brooklyn, N. Y.	Apr. 23
Apr. 30	Portland, Ind. Adv. Apr. 23.	Apr. 23
Apr. 30	Alpine, Tex.	Apr. 16
Apr. 30	North Dakota	Apr. 16
Apr. 30	Louisiana	Apr. 16
Apr. 30	Omaha, Neb.	Apr. 23
Apr. 30	Michigan	Apr. 23
May 1	Birmingham, Ala.	Apr. 9
May 1	Pennsylvania Adv. Apr. 16 and 23.	Apr. 16
May 1	Forest Park, Ill. Adv. Apr. 23.	Apr. 23
May 2	Franklin, Tex.	Apr. 16
May 2	Pennsylvania Adv. Apr. 16 and 23.	Apr. 16
May 2	Tuscumcari, N. M.	Apr. 23
May 4	New York Adv. Apr. 16 and 23.	Apr. 23
May 4	California	Apr. 23
May 4	Los Angeles, Calif.	Apr. 23
May 4	Martinez, Calif.	Apr. 23
May 4	North Dakota	Apr. 16
May 4	North Dakota	Apr. 23
May 4	Brooklyn Heights (mail Independence), O.	Apr. 23
May 4	New Jersey Adv. Apr. 23.	Apr. 23
May 4	Lake Placid, N. Y. Adv. Apr. 23.	Apr. 23
May 4	Arizona	Apr. 23
May 4	Adams, Mass. Adv. Apr. 23.	Apr. 23
May 4	Rensselaer, Ind	Apr. 23
May 4	Scarsdale, N. Y. Adv. Apr. 16 and 23.	Apr. 23
May 4	Westfield, N. Y. Adv. Apr. 16 and 23.	Apr. 23
May 5	Tecumseh, Neb.	Apr. 23

Bids Close		See Eng. News-Record
May	5 North Carolina ..... Adv. Apr. 23.	Apr. 23
May	5 Plymouth, Ind.	Apr. 23
May	5 Warsaw, Ind.	Apr. 23
May	5 Ft. Wayne, Ind.	Apr. 23
May	5 Columbia, Ind.	Apr. 23
May	5 Maryland ..... Adv. Apr. 23.	Apr. 23
May	5 North Dakota	Apr. 23
May	5 Hartford, Wis.	Apr. 23
May	5 Winona, Miss.	Apr. 23
May	5 Primghar, Ia.	Apr. 23
May	5 St. Louis, Mo.	Apr. 16
May	5 Sweetwater, Tex.	Apr. 16
May	5 New York, N. Y. ..... Adv. Apr. 16 and 23.	Apr. 16
May	6 San Francisco, Calif.	Apr. 16
May	6 Williamstown, Ont.	Apr. 23
May	6 North Dakota	Apr. 23
May	7 Louisiana	Apr. 23
May	7 North Dakota	Apr. 23
May	7 Broken Bow, Neb.	Apr. 23
May	8 Hebron, Neb.	Apr. 23
May	11 New Jersey ..... Adv. Apr. 23.	Apr. 23
May	13 North Dakota	Apr. 23
May	13 Alabama	Apr. 9
May	13 Homer, La.	Apr. 23
May	13 Ithaca, N. Y. ..... Adv. Apr. 23.	Apr. 23
May	15 Fayette, W. Va. ..... Adv. Apr. 23.	Apr. 23
May	15 Duluth, Minn.	Apr. 9
May	15 Lake Forest, Ill.	Apr. 23
May	20 Cape May, N. J. ..... Adv. Apr. 23.	Apr. 23
June	1 Duluth, Minn.	Mar. 12
June	10 Duluth, Minn.	Apr. 9

BUILDINGS—INDUSTRIAL

Apr.	24 New York, N. Y.	Apr. 16
May	4 White Plains, N. Y. ..... Adv. Apr. 23.	Apr. 23
May	6 Rapid City, S. D.	Apr. 23
May	8 Neopit, Wis.	Apr. 16

BUILDINGS—COMMERCIAL

Apr.	24 York, Pa.	Apr. 16
Apr.	27 Milwaukee, Wis.	Apr. 23
Apr.	27 St. Louis, Mo.	Apr. 23
Apr.	27 Phila., Pa.	Apr. 23
Apr.	27 Tarkio, Mo.	Apr. 23
Apr.	27 Scranton, Pa.	Apr. 23
Apr.	27 Baltimore, Md.	Apr. 23
Apr.	28 Lincoln, Neb.	Apr. 2
Apr.	29 Columbus, O.	Apr. 23
May	1 Johnstown, Pa.	Mar. 19
May	1 Clinton, N. J.	Apr. 23
May	5 Dayton, O.	Apr. 23
May	6 Pickering, N. C.	Apr. 23
May	7 San Antonio, Tex.	Mar. 26
May	11 Asyla (mail Grenlock), N. J.	Apr. 23
May	14 Thiells, N. Y. ..... Adv. Apr. 23.	Apr. 23
June	2 Walters, Okla.	Apr. 23
July	14 Phila., Pa.	Feb. 19

BUILDINGS—EDUCATIONAL, RELIGIOUS

Apr.	28 Hannibal, Mo.	Apr. 23
Apr.	30 Valley City, N. D.	Apr. 16
May	1 Akron, O.	Apr. 16
May	1 Cranston, R. I.	Apr. 23
May	4 Great Neck, N. Y.	Apr. 16
May	4 Toronto, Ont.	Apr. 23
May	14 Hillside, N. J. ..... Adv. Apr. 23.	Apr. 23
May	15 South Charleston, D.	Apr. 23
June	10 Evanston, Ill.	Apr. 23

FEDERAL GOVERNMENT WORK

Apr.	27 Platform—Plattsburg, N. Y.	Apr. 16
Apr.	27 Road—Oklahoma	Apr. 23
Apr.	28 Earthwork — St. Louis, Mo. ..... Adv. Apr. 2 to 23.	Apr. 2
Apr.	28 Post Office—Russellville, Ark.	Apr. 9
Apr.	29 Metal Work—Louisville, Ky. ..... Adv. Apr. 9 to 23.	Apr. 9
Apr.	29 Paving — Pearl Harbor — H. T.	Apr. 9
Apr.	29 Power Line—Galveston, Tex.	Apr. 9
Apr.	29 Bridge—Great Lake, Ill.	Apr. 9
Apr.	29 Levee Work—Vicksburg, Miss. ..... Adv. Apr. 16 and 23.	Apr. 16
Apr.	29 Improvements—Fort Wright (Fishers Island P. O.) N. Y. Adv. Apr. 16 and 23.	Apr. 23
Apr.	30 Borings—Detroit, Mich. .... Adv. Apr. 2 to 23.	Apr. 2
Apr.	30 Steel Barges—Milwaukee, Wis. ..... Adv. Apr. 2 to 23.	Apr. 2
Apr.	30 Dredging—Detroit, Mich. .. Adv. Apr. 2 to 23.	Apr. 9
May	1 Dredging — Providence, R. I. ..... Adv. Apr. 2 to 23.	Apr. 2
May	4 Breakwater—Duluth, Minn. ..... Adv. Apr. 9 to 23.	Apr. 9
May	5 Rip Rap Stone—Vicksburg, Miss.	Apr. 16
May	5 Hospital—Mobile, Ala.	Apr. 23
May	6 Chimney—Brooklyn, N. Y. .. Adv. Apr. 23.	Apr. 23
May	6 Post Office—Houghton, Mich.	Apr. 16
May	6 Wall—San Juan, P. R.	Apr. 16
May	7 Dam-Newburg, Ind. ..... Adv. Apr. 9 to 23.	Apr. 9
May	7 Post Office—Thomasville, N. C. ..... Adv. Apr. 16 and 23.	Apr. 16
May	11 Metal Works—Louisville, Ky.	Apr. 16
May	11 Post Office—Mystic, Conn. .	Apr. 23
May	11 Rip Rap Stone—Memphis, Tenn.	Apr. 23
May	11 Dredge—Wash., D. C.	Apr. 23
May	15 Breakwater—Duluth, Minn. Adv. Apr. 23.	Apr. 23
May	16 Hull for Towboat—Rock Island, Ill. ..... Adv. Apr. 23.	Apr. 23
May	20 Post Office—Fayette, Mo. . Adv. Apr. 23.	Apr. 23
May	27 Tow-boat—St. Louis, Mo. .	Apr. 23
July	8 Hospital—Canacao, P. I. .. Adv. Apr. 16 and 23.	Apr. 16

UNCLASSIFIED

Apr.	27 Transmission Line—Oklahoma	Apr. 23
Apr.	28 Street Lighting System—Portage, Wis.	Apr. 16
Apr.	29 Wall—Peru, Ind.	Apr. 2
Apr.	30 Stadium—Milwaukee, Wis.	Apr. 23
May	1 Grain Elevators—Regina, Sask.	Apr. 23
May	7 Subway—New York, N. Y. .	Apr. 23
May	8 Tunnel—New York, N. Y. .	Mar. 5

MATERIAL AND EQUIPMENT

Apr.	27 Road Maintainers, etc.—Madison, S. D.	Apr. 23
Apr.	27 Pump, heaters, etc.—Chicago, Ill.	Apr. 23
Apr.	28 Ford tractors, etc.—Chicago, Ill.	Apr. 23
Apr.	29 Trucks—Long Island City, N. Y.	Apr. 23
Apr.	29 Steam Cinders—Brooklyn, N. Y.	Apr. 23
Apr.	29 Crushed Limestone—Minneapolis, Minn.	Apr. 23
May	5 Pipe—Port Arthur, Tex.	Apr. 23

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

N. Y., Aurora—Plans waterworks system.

W. Va., Parkersburg—Election May 26, $300,000 bonds, new waterworks. J. V. Dunbar, Parkersburg, engr.

N. C., Newton—Making preliminary surveys extending water and sewerage systems and street improvements, etc. Spoon & Lewis, 407-9 Amer. Bank Bldg., Greensboro, consult. engrs.

S. C., Florence—Defeated $250,000 bonds, waterworks improvements. Noted Feb. 26.

Miss., Hernando — Voted $20,000 bonds, for waterworks, incl. pumping equipment and distribution system.

Miss., Winona—See "Streets and Roads."

La., Donaldsonville — Apr. 21, $70,000 bonds for combination water and electric light plant, pumping equipment, mains, etc. Address Mayor.

O., Akron—See "Sewers."

Mich., Ferndale—Making plans extending mains in various streets. $100,000 bonds voted. G. Jerome, 1331 Majestic Bldg., Detroit, engr.

Kan., Haviland — Voted $30,000 bonds for waterworks. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs. Noted Mar. 26.

Kan., Larkin—Voted $33,000 bonds for waterworks. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs. Noted Mar. 26.

Neb., Alliance—Making preliminary plans water and light improvements. Burns & McDonnell Eng. Co., 402 Interstate Bldg., Kansas City, Mo., engrs.

Mo., Ash Grove — Voted $50,000 bonds, waterworks improvements.

Mo., Crane—Making preliminary plans waterworks, incl. pumping equipment tank on tower, mains, etc. To exceed $15,000. C. A. Haskins, 822 Finance Bldg., Kansas City, engr.

Mo., Shelbina—Plans extending c.i. pipe line. $35,000. Engineer not selected.

Ark., Cotton Plant—Takes bids in June, waterworks improvements, incl. tank on tower, distribution mains, etc., also sanitary sewerage system. $125,000. E. T. Archer & Co., 612 New England Bldg., Kansas City, Mo., engrs. Noted Nov. 27.

Tex., Bay City — Making preliminary plans waterworks extensions, incl. mains, pumping equipment, etc. $60,000. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

Tex., Comanche—Election soon $50,000 additional bonds for waterworks. $70,000 already available. J. B. Hawley, Cotton Exch. Bldg., Ft. Worth, engr. Noted Feb. 12.

Tex., Denton—Plans new tank on tower for waterworks. $20,000. Engineer not announced.

Tex., Dilley—Takes bids after May 1, complete waterworks, incl. distribution system, 50,000 gal. elevated tank, tower, pumping equipment, etc. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs. Noted Mar. 19.

Tex., Lockhart — Election soon $60,000 bonds, waterworks improvements. Jno. B. Hawley, Cotton Exch. Bldg., Ft. Worth, engr.

Tex., San Antonio—State plans pumping plant, incl. equipment, etc., at Southwestern Insane Asylum. $36,000 appropriated. Engineer not selected.

Tex., Vernon—Election Apr. 21, $15,000 bonds for waterworks improvements. Engineer not announced. H. Mason, mayor.

Tex., Wharton — Making preliminary plans waterworks extensions, incl. mains, pumping equipment, probably new well, etc. $40,000. Terrell Bartlett, Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

Okla., Blanchard—Voted $37,000 bonds, new waterworks, incl. deep well, pump, tank on tower, mains, valves, hydrants, etc. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs. Noted Apr. 2.

Okla., Eufaula — Election soon $25,000 bonds for new 500,000 g.p.d. rapid sand filter plant and equipment. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Apr. 16.

Okla., Kremlin — Making preliminary plans new waterworks, incl. well, mains, valves, etc. $30,000. F. B. King, Grain Exch. Bldg., Oklahoma City, engr.

Okla., Lawton—Soon takes bids filtration plant and reservoir at Lake Latonka. $80,000. H. T. Olmsted & Co., 2230 West 18th St., Oklahoma City, engrs. Noted Mar. 19.

Okla., Muskogee—Election soon $125,000 bonds new 6 m.g. rapid sand filter plant with basins, motor driven pumps, and pumping equipment. J. R. March, Muskogee, engr.

Okla., Red Fork — Voted $50,000 bonds, new waterworks with supply from Tulsa, incl. mains, valves, etc. Holway Eng. Co., Wright Bldg., Tulsa, engrs.

Okla., Stigler—Making preliminary plans new filtration plant, pumping equipment and raising present dam at reservoir. $35,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Waurika — Making preliminary plans new impounding reservoir, earth dam, concrete spillway, gravity flow line and 10,000 ft. 10 in. c.i. pipe, etc. $100,000. Engineer not selected. C. S. Storms, mayor.

Ariz., Gilbert — Plans election $40,000 bonds for waterworks.

Que., Knowlton — Making plans c.i. gravity system. $15,000. J. E. Fay, town engr.

Ont., Campbellford — Water & Light Comn. plans fire pump. $8,000. S. J. Abernethy, chn. Engineer not selected.

Ont., Humberstone—Making plans 10,000 ft. c.i. mains electric pumps, chlorinators, reservoir and pumphouse. $30,000. A. W. Connor & Co., Royal Bank Bldg., Toronto, engrs. Noted Apr. 9.

Ont., North Bay—Plans 7,500 ft. 12 in. c.i. main in Fisher St. between Duke St. and 1st Ave. $30,000. F. G. Mackie, town engr.

Ont., Waterford—Takes bids about May 1, mains, pumps, etc. $55,000. C. G. Fairchild, 169 Colborne St., Brantford, engr.

BIDS DESIRED

N. Y., Bayville—May 5, by Bd. Village Trustees, water distribution system. S. B. Bowne, Mineola, engr.; adv. E. N.-R. Apr. 23.

N. Y., Narrowsburg — May 7, by Bd. Water Comrs. Narrowsburg Water Dist. gravity waterworks system. J. F. Witmer, 112 Davis St., Elmira, engr.; adv. E. N.-R. Apr. 23.

N. Y., New York — Apr. 29, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Westchester Esplanade, Yznaga Pl., Bronx Blvd.,

Waterworks (Continued)

Glover, Paine and East 221st Sts. Allerton, Bouck, Crosby, Hobart, Hollywood, Mace, Mulliner, Park, View, Roberts, Rosedale, Van Nest and Waterbury Aves.

N. C., Carthage—Apr. 28, by city, 200,000 gal. rein.-con. reservoir and 16 ft., 19 ft. or 21 ft. steel stand pipe 100 ft. high, also 32 x 62 ft. brick fire station. Carolina Eng. Co., Charlotte, engrs.

N. C., Wrightsville Beach (Sea Gate P. O.)—Apr. 25, by Comrs. Town Bd. at office of R. H. Northrop, city clk., 124 Princess St., Wilmington, one 100,000 gal. steel tank on 100 ft. steel tower with necessary foundations. Carolina Eng. Co., 917-919 Johnston Bldg., Charlotte, engrs.

O., Cleveland — Apr. 29, by Bd. Comrs. Cuyahoga Co., 7,500 ft., c.i. pipe 12 in., for mains in Wallings Rd. east of McCreary Rd., Impvt. 86, in Co. Sewer Dist. 2. To exceed $25,000. F. R. Williams, Court House, engr.

Ill., Chester—Apr. 25, by City Clerk, filtration plant, etc. $30,000. P. B. Wilson, Marion, engr.

Wis., Green Bay — May 2, by J. Du Charne, town clk., waterworks, incl. machinery and equipment, 500 g.p.m. motor driven pumps, 1 flow meter, gasoline driven auxiliary outfits, 100,000 gal. steel tank on 120 ft. steel tower, 15,582 ft. 6- to 10-in. c.i. pipe, 7 tons fittings, valves, etc, near here, for Allonez Twp. To exceed $15,000. McMahon & Clark Eng. Co., Menasha, engrs.

Wis., Manitowoc—Apr. 30, by A. H. Zander, city clk., 9,000 ft. 4- to 10-in. c.i. pipe and standard fittings. Alternate bids on DeLavard and B & S Class C pipe. Noted Apr. 16.

Wis., Marshfield—May 1, by J. A. Schindler, city clk., 7,307 ft. 6 in. c.i. mains and 4,400 ft. 8 in. sanitary sewers in various streets. To exceed $15,000. A. Westenborg, City Hall, engr.

Wis., Wisconsin Rapids—May 5, by C. P. Cross, mgr., 61 x 71 ft., brick and rein.-con. iron removal plant, chemical feed machines, filter equipment, piping and pumps, water tank and filters, etc. $60,000. W. G. Kerchoffer, Dean Bldg., Madison, engr. Noted Mar. 19.

N. D., Parshall—Apr. 27, one centrifugal pump and 40 hp. motor. A. O. Fuglie, city aud.

Que., Drummondville—May 5, by C. H. Lalonde, 31 Heriot St., constructing mechanical gravity water filtration plant. A. Plamondon, 70 St. James St., Montreal, engr.

B. C., Vancouver—May 6, by City Clerk, City Hall, 14 mi. 36 in. steel riveted mains, etc., in various streets. $1,250,000. C. Brackenridge, city engr.

BIDS RECEIVED

Mass., Boston — City, high pressure fire pipes in Summer St., etc., from V. Barletta, 22 Hull St., $77,707. Noted Apr. 9.

N. Y., Buffalo—Commissioner Pub. Wks., c.i. pipe and special castings for filter plant, Contr. 25, from U. S. Cast Iron Pipe & Fdry. Co., East Ferry St., 325 tons material under Schedule M $46 per ton, 63 tons material, Schedule N $105, and 42 tons material Schedule O, $176.60.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Apr. 20, mains in 107th, 120th, 218th, Sts., etc., here, from J. A. Gregory, 351 East 124th St., New York City, $16,973. Noted Apr. 16.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., Apr. 14, mains, etc., in Amsterdam, 3rd and 11th Aves., from Knight & DeMicco, 448 East Tremont Ave., $62,526. Noted Apr. 9.

Pa., Phila. — Dept. Pub. Wks., Bureau Water, Apr. 7, Contr. 746 seventy-three 8- to 12-in. high pressure stop valves, 37 fire hydrants, from A. R. Smith Mfg. Co., Norman St., East Orange, N. J., $16,119; Contr. 749, two complete connections, etc., from M. and J. B. McHugh, 892 North Markoe, $5,625; Contr. 751, miscellaneous piping for Torresdale Sta., from Acme Machine Co., 316 North 17th St., $6,700. Noted Apr. 2.

O., Cleveland Heights (Warrensville P. O.)—See "Sewers."

Wis., Milwaukee — D. W. Hoan, chn. Central Bd. Purchase, Apr. 14, 2,500 tons 6, 8 and 12-in. Class "C" c.i. mains, from U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., $46.50 per ton.

Calif., San Diego—San Diego Water Co. & Escondido Mutual Water Co., 4.5 mi. bench type, flume, etc., from Lake Escondido to point east of Visa, to D. H. Ryan, 215 6th St., San Diego, $168,819.

CONTRACTS AWARDED

Mass., Boston—Supply Dept., twelve 36 in. gate valves for Water Dept., to Atlantic Wks., 80 Border St., East Boston, $1,690. Noted Apr. 16.

O., Cincinnati—Director Pub. Serv. relining west basin of Eden Park Reservoir with 300,000 sq.ft. gunite, to W. S. Rae, Oliver Bldg., Pittsburgh, Pa., $142,850. Engrs. est. $175,000. Noted Apr. 16.

O., Cincinnati—Director Pub. Serv., 19,110 ft. 6- to 20-in. c.i. mains in connection with water distribution system in North Bend and Morton Rds., 71st and 72nd Sts., to W. Henningan, 7011 Montgomery Park, Norwood, $38,665. Engrs. est. $45,000. Noted Apr. 9.

Ill., Riverside — Waterworks improvements, incl. 52,500 ft. 4- to 16-in. c.i. pipe, 88 hydrants, 123 gate valves and boxes, 374 connections, etc., to Kuehn Bros., 255 North Ave., Aurora, $159,383.

Wis., Fond du Lac—Bd. Pub. Wks., J. F. Hohensee, secy., superstructure for 1 story, 44 x 160 ft., brick and concrete pumping station addition, to Immel Constr. Co., Dana Bldg., $19,624. Noted Mar. 26.

Minn., Virginia—City pipe and fittings for mains to connect well No. 1 of Oliver Mining Co. with city system, to M. McLeod Constr. Co., Virginia, $9,700; and labor, to C. A. Johnson & Carlson, Virginia, $6,300.

Ariz., Flagstaff—City Clerk, 50 m.g. rein.-con. reservoir, to C. E. Green, Western Mutual Life Bldg., Los Angeles, $173,000; approximately 79,000 ft. 13- to 16-in. steel or concrete pipe line, to Cook & O'Brien Constr. Co., 242 Railway Exch. Bldg., Kansas City, Mo., $144,000; improving distribution system, to Irich & Fredell, Plainview, Tex., $97,000. Noted Mar. 12.

Sewers

PROPOSED WORK

N. Y., Albany — Bd. Control & Supply takes bids about Apr. 30, 2 mi. trunk sewer in Whitehall Rd., Delaware and New Scotland Aves. $500,000. J. G. Brennan, city engr.

Va., Danville—See "Buildings—Educational, Religious."

N. C., Newton—See "Waterworks."

Ga., Ft. Valley — Election soon $30,000 bonds, sewerage system.

Miss., Winona—See "Streets and Roads."

Ky., Paducah—Making preliminary plans sewerage system. To exceed $25,000. Black & Veatch, 701 Mutual Bldg., Kansas City, Mo., engrs.

O., Akron—Bd. Control takes bids about May 13, rebuilding sewers and water lines at Buchtel Ave., East Exchange and East Center St. grade crossings. W. F. Peters, dir. Pub. Serv.

Mich., Detroit—Made plans vitr. crock sewers in 1,397 ft. 12- to 18-in. Lateral 4348, 4,106 ft. 12- to 24-in. Lateral 4344, 1,483 ft. 12- to 18-in. Lateral 4342, 2,317 ft. 15- to 24-in. Lateral 4331, 2,083 ft. 12- to 24-in. Lateral 4321 and 1,974 ft. 15- to 18-in. Lateral 4316. G. Jerome, city engr.

Mich., Springwells—Making plans 20,000 ft. 12- to 27-in. vitr. crock and concrete lateral sewers in various streets. $80,000. Hubbell, Hartgering & Roth, 2348 Penobscot Bldg., Detroit, engrs.

Ill., Lake Forest—City Clerk takes bids about May 15, 6,025 ft. 6- to 12-in. tile sewers, etc., in Hields Lake Forest and Ravine Park. $25,000. N. L. Campbell, city engr.

Wis., Milwaukee — J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., made plans Mud Creek low level sewer in North Milwaukee, approximately 1.75 mi. 12- to 24-in. terra cotta pipe; Arnold Ave., low level sewer, approximately 5,730 ft. 12- to 21-in. terra cotta pipe; Menomonee Valley extension approximately 1.5 mi. 18 and 24 in. terra cotta pipe; Whitefish Bay extension, approximately 9,350 ft. 42 in. monolithic concrete pipe. T. C. Hatton, c/o owner, engr.

Ia., Waterloo—Making sketches 2 sewage disposal plants. $400,000. R. B. Shippy, Waterloo, engr.

Kan., Haviland — Voted $33,000 bonds for waterworks. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Kan., Larkin—Making preliminary plans complete sanitary sewerage system. $38,500. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Mo., Owensville—Defeated $50,000 bonds, complete sanitary sewerage system, disposal plant, etc. Noted Feb. 26.

Mo., St. Louis—See "Streets and Roads."

Mo., West Plains—Made plans sewers in various streets. $50,000 bond election soon for same. Russell & Axon, 412 McDaniels Bldg., Springfield, engrs.

Ark., Cotton Plant—See "Waterworks."

Okla., Fairfax—Making preliminary surveys 15,000 ft. sanitary sewers in 7th, McKinley, Ash and Roosevelt Sts., Sanitary Sewer Dist. 15. $25,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Calif., Petaluma—Plans election $200,000 bonds, rehabilitation and extensions to sewerage system. Howe & Peters, 24 California St., San Francisco, engrs. Noted Apr. 16.

Ont., Toronto — East York Twp. plans 5,000 ft. 15 in. concrete and vitr. tile sewer in Gamble Ave. $30,400. G. R. Jack, Municipal Yard, Sammon Ave., engr.

Ont., Toronto—East York Twp. making plans rein.-con. and vitr. sewers in Sammon Ave. $26,254, Durant Ave. $8,185, Somers Ave. $4,110. Work involves 2,258 ft. 12- to 30-in. pipe. G. R. Jack, Sammon Ave., engr.

Ont., Toronto—York Twp., 40 Jarvis St., plans 6,500 ft. 12 in. vitr. tile or concrete storm and sanitary sewers in Vaughan Rd. $66,000. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto—York Twp. plans 3,500 ft. 12 in. rein.-con. and vitr. tile sewers in Rogers Rd. $20,420, and Weston Rd. $20,365. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto—York Twp. plans 7,500 ft. 8 in. vitr. tile sewers in Eglinton Ave. and Keele St. from Hillary to Ypres Aves. $30,000. F. B. Goedike, 40 Jarvis St., engr.

BIDS DESIRED

N. Y., Buffalo—May 14, by Commissioner Pub. Wks., Municipal Bldg., rein.-con. storm sewer to care for storm water of Scajaquada Creek (Sect. 3.); adv., E. N.-R. Apr. 16.

N. Y., Mamaroneck — Apr. 27, by Bd. Sewer Comrs., 2,600 ft. c.i. and vitr. sewers, Contr. 10. H. R. Mitchell, secy.; adv. E. N.-R. Apr. 23.

N. Y., New York—Apr. 28, by H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., sewers in Morris Ave., etc.

N. J., Summit — May 5, by Common Council, City Hall, 7,515 ft. 20 in. c.i. sewer force main. J. C. Brigham, city engr.; adv. E. N.-R. Apr. 23.

Pa., Pittsburgh—Dept. Pub. Wks., City County Bldg., taking bids main trunk sanitary sewers in Saw Mill Run Drainage Basin. $195,000.

Md., Baltimore—Apr. 29, by Bd. Awards, storm water drains and sanitary sewers in Sewer Dist. H-9, Storm Water Contr. 85. B. L. Crozier, City Hall, highway engr.

O, Cleveland—Apr. 29, by City, sewers in Rutland Rd., East 133rd, West 150th and 151st Sts., Columbine Ave., Kuhlman Ave. N. E., Lyric Ave. S. W., Ozark Ave. N. E., Rosemary Ave. and Warren Rd. N. W., etc. R. Hoffman, City Hall, engr.

O., Cleveland—May 1, by City, sewage disposal system, etc., at Highland Park Golf Course. To exceed $25,000. H. Kregelius, City Hall, engr.

O., Columbus—Apr. 28, 2,000 ft. 48 in. sewer in Wheatland Ave., 3,012 ft. 30 and 78 in. sewer in Richardson Ave., and 1,896 ft. 15- to 24-in. sewer in Mound St. $70,000. R. H. Simpson, city engr.

Ind., Gary—May 4, by Bd. Pub. Wks., M. Maloney, clk., sewage pumping station and appurtenent construction. Alvord, Burdick & Howson, 8 South Dearborn St., Chicago, Ill., consult. engrs.; adv. E. N.-R. Apr. 23.

Mich., Adrian — May 4, by G. P. Love, city clk. intercepting and trunk sewers, also force main. Hoad, Decker, Shoecraft & Drury, Ann Arbor, consult. engrs.; adv. E. N.-R. Apr. 23.

Ill., Deerfield — June 1, by City Clerk, Northwest Side sewerage system, $55,000; East Side Sewerage system, incl. manholes, catch basins, etc., $100,000, and disposal plant $18,205'. Consoer, Older & Quinlan, 140 South Dearborn St., Chicago, engrs. Noted Feb. 19.

Ill., River Grove—June 1, by Bd. Selectmen, Southwest Side sewerage system. $60,000. Consoer, Older & Quinlan, 140 South Dearborn St., Chicago, engrs. Noted Feb. 10.

Wis., Hartford—Apr. 28, by W. Radtke, city clk., rein.-con. and steel pumping station, 50 g.p.m. air sewage ejector, 740 ft. 1¼ c.i. screw pipe air line; 1,159 ft. 4 and 8 in. vitr. sanitary and 40 lin.ft. 24 in. vitr. and 2,000 ft. 10- to 16-in. c.i. storm sewer, etc., in various streets. To exceed $25,000. J. Donohue Eng. Co., North 8th St., Sheboygan, engrs.

Wis., Marshfield—See "Waterworks."

Ia., Cedar Rapids — Apr. 30, by L. J. Storey, city clk., City Hall, 3,588 ft. 4½- to 6-in. segmental block pipe, 4,480 ft. 4½- to 6½-in. 2 ring brick pipe, 66,820 ft. concrete pipe, 13 manholes, etc. $65,000. T. F. McCauley, city engr.

Minn., St. Paul—Apr. 28, by H. W. Austin, city purch. agt., 5,388 ft. 9- and 24-ft. circular sewer, 67 ft. 3.5 ft. sewer, etc., for Belt Line outfall, Contr. G. $150,000. G. M. Shepard, city engr.

Calif., Los Angeles—Bd. Pub. Wks. taking new bids Sect. 24-North Outfall Sewer, approximately 13,668 lin.ft. pipe. Former bids rejected. A. K. Warren, City Hall engr. Noted Apr. 9.

Sewers (Continued)

Ont., Crystal Beach — Apr. 27, by J. O. Page, clk., 3,515 ft. 10, 12 and 18 in. storm and sanitary sewers. $25,000. Ross & Scott, Welland, engrs.

Ont., Peterboro—May 6, by S. A. Armstrong, city clk., City Hall, Simcoe St., activated sludge sewage disposal plant, pipe line across Otonabee River, concrete and brick sewage pumping station, grit chambers, aeration tanks, settling tanks; 3 sewage pumps with motors; 3 air compressors; air piping, etc., $75,000. E. H. Parsons, city engr.

BIDS RECEIVED

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Apr. 7, from O'Neil Co., 127 East Mermaid St., main sewer in Custer Ave. $107,355, Loretta Ave. $77,176; from A. Botitatibus, Ardleigh St. $4,085, Durham St. $6,605; from Perna Constr. Co., 301 North 65th St., Almond St. $2,503, Mercer St. $2,490, N St. $7,384, Salmon St. $3,869, Sepviva St. $2,902, 2 sections of Thompson St. $2,437 and $4,442, Webb St. $2,690; from V. S. Campelone, 812 West Venango St., Bath St. $2,301, Gaul St. $2,290; from J. J. McHugh, 1617 Race St., Balfour St. $5,515, Durand St. $6,793; from Higgins & Reilly Co., 601 Real Estate Trust Bldg., Diamond St. $10,659, 52nd St. $15,856; from Pacifico Ventres Co., 4th St. $7,919 Wyncote St. $13,448; from McCoal Constr. Co., 5033 Duffield St., Janney St., $2,349; from Vattieri & Pontarelli, 3rd St. $2,830; from Vare Constr. Co., 1120 Race St., Champlost St. $59,729; from Bardi & Pinciotti, 1329 Taske St., Sanger St. $29,149; from Darco Contg. & Building Co., 1213 Snyder Ave., Bigler St. $5,739; A. V. Peter & A. J. Ellis, McKean St. $11,261; from A. Perna & Son, Naomi St. $9,004, Victoria St. $1,710; from J. Moss, Valette St. $2,820; from Lombardi Co., Wallace St. $3,125. Noted Apr. 2.

O., Akron—W. F. Peters, dir. Pub. Serv., 330 ft. 15- to 24-in. vitr. clay and 3,320 ft. 30- to 60-in. brick trunk sewer in Gorge Blvd. Dist., from F. George, 1657 Mahoning Ave., Youngstown, $85,155. Engrs. est. $108,600. Noted Apr. 2.

O., Cleveland—For 535 ft. 6A, 1,500 ft. 5C, 684 ft. 4C, and 375 ft. 3C brick or rein.-con. sewer in Bellaire Rd., from W. B. Smith, 706 The Arcade, brick $57,074, rein.-con. $55,778; 2,010 ft. 12 in. tile sewer in Stickney Ave. Sect. 1, from Shannon & O'Shea, 3380 West 135th St., $5,733; 2,810 ft. 24 in. tile sewer in Stickney Ave. Sect. 2, to Langahan Constr. Co., Marshall Bldg., $20,526; sewer in Hirst Ave., from E. Cesa & Son, 2462 Mayfield Rd., $12,495. Noted Mar. 26.

O., Cleveland—Cuyahoga Co., 12,200 ft. 8- to 20-in. tile sewer in Impvt. 304, from Hadded-Mall Co., Schofield Bldg., $26,384. Noted Apr. 2.

O., Cleveland Heights (Warrensville P. O.)—City, sewers and watermains in 1 street, from A. Marra Constr. Co., Ulmer Bldg., Cleveland, $10,849; 3 streets, from Iafornaro & Son, 2218 Murray Hill Rd., Cleveland, $65,798; and 2 streets, from Khury Constr. Co., 3511 Walton Ave., Cleveland, $22,538. Noted Mar. 26.

Calif., Oakland — For 7th St. outfall sewer, 3,232 ft. 5 x 5 ft., 775 lin.ft. 4.5 x 4.5 ft. concrete sewer on timber foundation, 250 lin.ft. 4 x 4 ft. rein.-con. sewer on timber foundation, 830 lin.ft. 24- and 30-in. concrete and 2,398 ft. 8- to 21-in. vitr. pipe, also 337 ft. 10 in. vitr. pipe conduit, etc., from J. Currie, 1100 Peninsula Ave., Burlingame, $198,634. Noted Mar. 5.

CONTRACTS AWARDED

Mass., Needham—Town Clk., Town Hall, vitr. salt glazed sewer pipe, to C. H. Spring Co., Newton Lower Falls, $15,000. Noted Apr. 2.

R. I., Providence—Bd. Pub. Wks., sewerage works in Smith St., to F. A. Gammino, 331 Bway., $47,724.

N. Y., Brooklyn — J. A. Guider, boro pres., Boro Hall, **(e. e. means engrs. est.)** to Nazzarro & Guerriero, Inc., West 9th St., sewer in Linden Ave. 81.81% e. e. $69,936, East 29th St. 70.61% e. e. $2,406, Ave. L 70% e. e. $2,224; to Tomassetti & Co., Inc., 1133 60th St. Belmont Ave. 72.72% e. e. $40,254; to C. Vacharas, 645 40th St., 6th St. 93.75% e. e. $6,871; to A. W. Matarazo, 71st St. 69.75% e. e. $3,741, 7th Ave. 72.5% e. e. $1,438. Noted Apr. 16.

Md., Baltimore—Bd. Awards constructing Tiffany Run Interceptor Sewer, Sect. 3, and sewers in Dists. H-2, and 33, Contr. 233, to Continental Contg. Co., Knickerbocker Bldg., $37,155. Noted Apr. 2.

N. C., Elizabeth City — Utility Comn., Chamber of Commerce, 3 rein.-con. and brick sewage pumping stations with appurtenances, 88,000 ft. more or less 6- to 24-in. vitr. terra cotta and 10,000 ft. more or less 8- to 16-in. c.i. B & S pipe, 6 vertical, slow-speed sewage pumping units, etc., to A. H. Guion Co., Gastonia, $120,000. Noted Feb. 19.

N. C., Wilson—4,600 ft. 12 and 15 in. shale or fire clay and 350 12 and 15 in. Class "A" c.i. sanitary outfall sewer in Stantonburg St., to Porter Constr. Co., Charlotte, $40,000. Noted Mar. 19.

O., Cincinnati—City, 1,230 ft. 33 in. brick and 960 ft. 12 and 24 in. vitr. clay sewer in Davis Lane, between Robb St. and point 1,230 ft. south, from T. Maloney, 1858 Taft Rd., Cincinnati, $20,063. Engrs. est. $26,900.

O., Cleveland—For 470 ft. 3C brick and 920 ft. vitr. tile sewer in Bader Ave., also 1,950 ft. 12- to 24-in. vitr. tile sewer in West 25th St., to D. M. Zullo, 706 The Arcade, $10,206 and $13,048 respectively; 1,235 ft. 12- to 24-in. vitr. tile sewer in Germaine Ave., and 1,825 ft. 12- to 24-in. vitr. tile sewer in Biddulph Rd., to W. B. Smith, 706 The Arcade, $4,160 and $4,994 respectively; sewer in Shawnee Ave., to Kassouff & Co., 3,182 West 25th St., $19,739.

O., Cleveland—City, to E. Cesa, 2462 Baldwin Rd., 2,600 ft. 24 in. vitr. tile sewer in Hirst Ave., $12,495; to W. Burkhart, 3905 West 20th St., 500 ft. 12- to 24-in. vitr. tile sewer in Schuley Ave. $2,894, 511 ft. 12- to 24-in. vitr. tile sewer in West 55th Pl. $2,227, 285 ft. 12- to 24-in. vitr. tile sewer in West 152nd St. $1,070; to Langahan Constr. Co., Marshall Bldg., 2,810 ft. 24 in. vitr. tile sewer in Stickney Ave., Sect. 2, $20,526; to Shannon & O'Shea, 3380 West 135th St., 2,010 ft. 12 in. vitr. tile sewer in Stickney Ave., Sect. 1, $5,733. Noted Mar. 26.

O., Idlewood (Cleveland Heights P. O.)—Sewer and connections in various streets, to Infornaro & Son, 2218 Murrey Hill Rd., Cleveland, sewer $26,054, connections $61,218. Noted Apr. 9.

Mich., Detroit—To S. Fattori, 2201 St. Joseph Ave., 10,821 ft. 12 in. to 4 ft. cylinder vitr. and brick lateral sewers in Lateral 4268 $55,387, 2,544 ft. 12- to 24-in. in Lateral 4302 $7,700, Lateral 4330 $9,843; to P. Cappello, 2255 St. Joseph Ave. 5,073 ft. 12- to 20-in. Lateral 4298 $8,900, 5,620 ft. 12- to 24-in. Lateral 4310, $14,400, Lateral 4315 $6,485; to Loures & Sommerville, 8014 Grand River Ave., 2,813 ft. 12- to 24-in. Lateral 4299 $5,750, 9,351 ft. Lateral 4306 $23,300, 3,085 ft. 12- to 24-in. Lateral 4307 $6,150; to C. R. Lennane & Co., 2631 Woodward Ave., 1,414 ft. 12- to 18-in. Lateral 4304 $4,897, Lateral 4301 $9,472; to T. D. Nolan, 11,341 Woodward Ave., 6,823 ft. Lateral 4305 $25,373, Lateral 4287 $2,590; to Waterway Constr. Co., 400 Penobscot Bldg., 6,711 ft. 12- to 26-in. Lateral 4314, $20,024; to Western Constr. Co., 1208 Ford Bldg., 1,405 ft. Lateral 4319 $5,095, to R. Rossi, 1337 Brady St., 9,149 ft. Lateral 4319 $5,095; to S. Healy, 6466 Epworth Blvd., 1,610 ft. Lateral 4323 $7,000; to W. Blanck & Co., 40 Seven Mile Rd. Lateral sewer 4254 $15,800; to Central Constr. & Eng. Co., Detroit, Lateral 4317 $10,990; to Detroit Drainage & Constr. Co., 5099 Lemay Ave., Lateral 4327 $2,340. Noted Mar. 26.

Wis., Milwaukee—Dept. Pub. Wks., 4,060 ft. 8- to 21-in. vitr. sewer in American Ave., to F. E. Kaminski, 745 46th Ave., West Allis, $8,665; 825 ft. 12 in. vitr. sewer in 10th Ave., to H. O. Schaefer & Sons, 1149 East Mason St., Green Bay, $11,630; 219 ft 12 in. combined sewer in Cedar St., to J. Brogan & Sons, 700 Dousman St., Green Bay, $1,489; 4,165 ft. 42- to 84-in. monolithic concrete sewer tunnel, in Auer Ave., etc., to F. Douherty, 37th St. and Fond du Lac Ave., $179,174. Noted Apr. 16.

Wis., Prairie du Chien—W. Beuthin, city clk., 14,898 ft. 8, 12 and 15 in. vitr. sewers in various streets, to Gjellefald & Chapman Constr. Co., Forest City, Ia., $22,326. Noted Apr. 2.

Wis., Two Rivers — To Gray-Robinson Constr. Co., Torrison Bldg., Manitowoc, sewers in various streets, 9,000 ft. 8 in. vitr. pipe $2.50 per ft., 6 in. c.i. force pipe at $1.65 per ft., etc.

Calif., Blythe — City Trustees, sewage treatment plant and outfall sewerage system, to Janes Constr. Co., 433 South Hobart Blvd., Los Angeles, approximately $37,215. Noted Mar. 5.

Calif., Los Angeles — Bd. Pub. Wks., sewers in Calsom St. between Whittier Blvd. and Mines Ave., etc. to G. W. Kemper, 44 Hugo St., San Francisco, $65,500.

Waste Disposal

PROPOSED WORK

Ont., Toronto — City does not plan to build incinerator, on Wellington St. This corrects report in Mar. 26 issue.

Bridges

PROPOSED WORK

N. Y., New York—City and New York Central R.R., Grand Central Terminal, 42nd St., plan 1,100 ft. concrete arch bridge, at 238th St. $1,000,000. G. W. Kittredge, ch. engr. New York Central R.R.

Ill., Bloomington—Voted $100,000 bonds for rein.-con. and steel viaduct across 2 railroads.

Wis., Milwaukee—R. E. Stoelting comr. Pub. Wks., made plans approximately 1,000 ft. steel bridge, on Holton St. $900,000. M. C. Cutler, City Hall, engr. Noted June 19.

Tex., Linden—See "Streets and Roads."

Tex., Waxahachie — See "Streets and Roads."

Que., Baie St. Paul—Made plans 80 ft. concrete and steel bridge. $25,000. I. E. Vallee, c/o Dept. Pub. Wks., Quebec, engr.

Que., St. Anne des Plains—Made plans steel bridge on concrete abutments. $25,000. I. E. Vallee, c/o Dept. Pub. Wks., Quebec, engr.

Ont., Toronto—Plans 700 ft. steel arch and trestle bridge, on Glen Rd. $600,000. R. C. Harris, city engr.

Ont., Toronto—York Twp., 40 Jarvis St., made sketches 7 spans, 1,400 ft. concrete bridge over Don Valley. $800,000. F. Barber, twp. engr.

BIDS DESIRED

Pa., Lewiston—May 4, by Boro Council, three 45 ft. span rein.-con. bridge over creek on Route 28. $35,000.

Louisiana—See "Streets & Roads."

O., Canton—Apr. 29, by Comrs. Stark Co., William Kelly Bridge, concrete and steel, over Beach Creek in Lexington Twp. $31,883. A. M. Wise, Court House, engr.

O., Cleveland—Apr. 29, by Comrs., Cuyahoga Co., concrete bridge and culverts on Bean Rd. $27,625. F. Lander, Court House, engr.

O., Dayton—May 8, by G. F. Baker, dir. Pub. Serv., Findlay St. Bridge, two 83 ft. and two 89 ft. open spandrel rein.-con. arches, etc., over Mad River. W. Braun, 1083 South High St., Columbus, consult. engr.; adv. E. N.-R. Apr. 23. Noted Mar. 5.

Wisconsin—See "Streets and Roads."

Wis., Stevens Point—May 1, by State Hy. Comn., at City Hall, constructing Clark St. bridge incl. two 66 ft., two 68 ft., two 72 ft. and one 78 ft. concrete arch spans, also 7 concrete girders each having 69 ft. clear opening, 830,180 lbs. reinforcing, 23,070 lbs. structural steel, etc. C. H. Kirch, acting bridge engr.

Arkansas—See "Streets and Roads."

Okla., Cordell—Apr. 27, by O. Brown, city clk., grading and concrete surfacing 30,150 sq.yd. Market, Church, Clay and College Sts. $93,300. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Apr. 9.

California—May 4, by State Hy. Comn., Sacramento, one 30 ft. and three 60 ft. span, rein.-con. girder bridge over Ventura River, Ventura Co., 84,000 lb. reinforcing, etc. R. M. Morton, highway engr. Noted Apr. 2.

Ont., Brigden—Apr. 30, by W. J. Brownlee, clk. Moore Twp., 84 ft. steel and concrete bridge. $25,000. G. A. McCubbin, Chatham, engr.

BIDS RECEIVED

Ohio—Dept. Highways and Pub. Wks., Columbus, Apr. 10, bridge on Sect. "Yorkville" Belmont Co., from T. K. Rotherman, Martins Ferry, $17,343, concrete bridge Sect. "H-Bridges" Woodsfield-Sisterville Rd., Monroe Co., from Hardman & Minns, Spencer, West Va., $39,075; temporary bridges on Sect. "Twin Cr. Bridges" National Rd., Preble Co., from L. Pickering, Bellefontaine, $3,551. Noted Apr. 2.

CONTRACTS AWARDED

Mass., Leominster—City, one 65 ft., rein.-con. bridge across Nashua River, at Mechanic St., to J. Lorenzi, 433 Mechanic St., $26,150. Noted Apr. 9.

Pa., Masontown—E. Houston, controller Fayette Co., Court House, Uniontown, and Comrs. Greene Co., Court House, Waynesburg, 400 ft. span bridge on 2 concrete piers across Monongahela River, near here, to Independent Bridge Co., Neville Is., Pittsburgh, $572,000. Noted Mar. 19.

Pa., Pittsburgh—Dept. Pub. Wks., replacing portions of bridge on South Highland Ave., over Pennsylvania R.R. tracks, to A. P. H. Smith, Pittsburgh, $29,309. Engrs. est. $30,000.

Bridges (Continued)

West Virginia and Ohio — Huntington-Ohio Bridge Co., 1026 4th Ave., Huntington, W. Va., steel work for bridge over Ohio River between Huntington, W. Va., and Chesapeake, O., to Mt. Vernon Bridge Co., Mt. Vernon, O., $550,788; piers and abutments, to General Contg. Co., Columbia Bldg., Pittsburgh, Pa., $241,620. Noted Mar. 5.

North Carolina — State Hy. Comn., Raleigh, rein.-con. bridges and culverts on State Project 824, Cleveland Co., to E. A. Wood & Co., Andrews, $69,284; and on 487-A, Wake Co., to Roanoke Bridge & Iron Wks., Roanoke, Va., $78,380. Noted Apr. 2.

Fla., Mulberry — Polk Co. (Bartow) Nicholes Bridge, 450 ft. long, rein.-con., to C. T. Dawkin, Jacksonville, $26,764. Noted Aug. 7 under "Nichols."

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, one 40 ft. and one 60 ft. span rein.-con. girder bridges, Route 24, Sect. 1-B, Christian Co., to Zimmerly Bridge Co., Paris, $13,862; one 50 ft. rein.-con. girder bridge, Route 14, Sect. 10-B, Hamilton Co., to Hay & Campbell, Bonneville, $8,052; three 40 ft. rein.-con. girder bridges, Route 33, Sect. 7-B, Effingham Co., to Dees Bros., Oblong, $17,446; steel substructure for 100 ft. span bridge Route 8, Sect. 47-B, Knox Co., to A. P. Munsen, Marion, Ia., $8,765, steel superstructure for same to Vincennes Bridge Co., Vincennes, Ind., $5,987; six 10 ft., two 9 ft., nine 12 ft. and one 25 ft. slab bridges, Route 9, Sect. 46-B, Vermilion Co., to Huff & Gaines, Logan, Ia., $18,576; superstructure for two 150 ft. steel spans, Route 9, Sect. 39-C, Fulton Co., to St. Louis Structural Steel Co., Bank of Commerce Bldg., St. Louis, Mo., $20,960. Noted Dec. 11 and Apr. 2.

Ia., Grundy Center — See Streets and Roads.

Kan., Girard—Crawford Co., 6 rein.-con. steel bridges, to Allhands & Davis, Frisco Bldg., Joplin, Mo., $20,374, and 2 rein.-con. and steel bridges, to Independent Constr. Co., Pittsburg, $7,076.

Tex., Karnes City — Karnes Co., bridges and culverts in Road Dist. 3, to L. E. Sanders, San Antonio, $30,904. Noted Mar. 12.

Que., St. Irenee — Town Council, 76 ft. rein.-con. bridge, to Nap & C. Taillon, Chateau Richer. Engrs. est. $30,000.

Ont., Preston — Canadian Pacific Ry., Windsor Sta., Montreal, Que., 8 span 560 ft. steel and concrete bridge over Grand River, 4 concrete piers to Webster & Tory, Galt; steel, to Hamilton Bridge Wks., Waterfront, Hamilton. Engrs. total est. $85,000.

Dams

PROPOSED WORK

Calif., Meadow Valley—See "Buildings—Industrial."

Que., Sherbrooke—Making plans repairing concrete dam on Magog River, Wolfe St. $25,000. A. Tremblay, town engr.

CONTRACTS AWARDED

Calif., Quincy—Great Western Power Co., 530 Bush St., San Francisco, raising Big Meadows Dam, to 115 ft. high and 1,500 ft. long, at Lake Almanor, on north fork Feather River, 1,000,000 cu.yd. hydraulic fill, to Foundation Co., 58 Sutter St., San Francisco, approximately $2,000,000.

Railways

PROPOSED WORK

Florida—S. M. Earling, 130 South Dearborn St., Chicago, Ill., and A. McAnsh, and associates, Sarasota, having surveys made for railroad from Bradentown to Vero by way of Avon Park and Fort Kissimmee.

Ohio—H. Ford, Highland Park (Detroit P. O.), Mich., owner of Detroit, Toledo & Ironton R.R., recently purchased more than 2,000 acres land and plans terminal and transfer yards on 200 acres of above site, in South Charleston, here.

CONTRACTS AWARDED

Illinois — Macomb Sewer Pipe Co., Macomb, will build 5,775 ft. 3 ft. gauge industrial railway, incl. 650 ft. railway on 8% grade requiring electric hoist, in Colchester, by day labor. F. M. Connolly, 432-33 Peoples Trust & Savings Bank, Galesburg, engrs.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Tex., Harlingen — Cameron Co. election soon $800,000 bonds for flood prevention and irrigation work in Cameron and Willacy Counties. Total $3,000,000. Engineer not selected.

BIDS DESIRED

Conn., Hartford—Apr. 28, by E. M. Dahill, secy. Bd. Contr. & Supply, 909 ft. rein.-con. conduit, 8 x 8 ft., to form confined channel for Gully Brook. $47,000. R. N. Clark, city engr. Noted Apr. 16.

N. Y., New York—Apr. 30, by M. Cosgrove, comr. Docks, Pier A, foot Battery Pl., North River, dredging at Piers 53 to 56, North River, Contr. 1860.

Minn., St. James—Apr. 27, by C. Larsen, city clk., improving outlet of St. James Lake through city, 1,642 cu.yd. open ditch excav., 4,300 ft. 12- to 42-in. drain tile, etc. $16,755.

Calif., Long Beach—City Council taking bids dredging harbor entrance channel south of Union Pacific R.R. Co., to depth of 25 ft., 200 ft. wide on bottom, 1,399 ft. long. To exceed $25,000. R. G. McGlone, Long Beach, harbor engr.

BIDS RECEIVED

N. Y., Buffalo — Dept. Pub. Wks., Municipal Bldg., Apr. 6, completing Part 1, Sect. 4 of Buffalo River and Cazenovia Creek Impvt., from J. M. Ludington & Sons, Powers Bldg., Rochester, $0.38 per cu.yd. Noted Mar. 19.

CONTRACTS AWARDED

Md., Baltimore—Mayor and City Council, dredging in harbor for year 1925, to Arundel Corp., Pier 2, Pratt St., $52,971.

Wis., Antigo — Excavation for 3 story and basement, 75 x 100 ft., brick and concrete addition to Butterfield Hotel, plain foundation, to E. A. Feller, Antigo, for S. J. McMahon, 425 East Water St., Milwaukee. Noted Jan. 22 under "Buildings—Commercial."

Streets and Roads

PROPOSED WORK

Massachusetts — Dept. Pub. Wks., State House, Boston, plans widening Quincy Shore Reservation, from Squantum St., to Black's Creek Bridge, in Quincy. $375,000. W. F. Williams, comr.

Mass., Wrentham—Bd. Selectmen, plans relocating and widening South St. $40,000. Engineer not selected.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., rejected bids Apr. 6, repaving Old South Rd. from Long Island R.R. to Three Mile Mill Rd. Noted Apr. 9.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., rejected bids repaving Lincoln and Van Wyck Aves. Noted Apr. 16.

N. J., Belvidere — Freeholders Warren Co. plans concrete paving 2 mi. road. H. W. Vetter, Belvidere, engr.

N. J., Highland Park — Plans asphalt paving 4 streets. $85,000. G. F. Leonard, mayor. Engineer not selected.

Va., Danville — See "Buildings — Educational, Religious."

N. C., Brevard—Plans grading, concrete or asphaltic concrete paving various streets. $90,000. T. M. Mitchell, Brevard, mayor.

N. C., Newton—See "Waterworks."

Ga., Albany — Plans paving 40 to 50 blocks various streets.

Miss., Ellisville—Jones Co. voted $200,000 bonds, brick or concrete surfacing from Ellisville to Tallaha Bridge north of Laurel, in Laurel-Ellisville Road Dist. Will endeavor to obtain Federal Aid for same amount. Noted Apr. 2.

Miss., Magnolia—Pike Co. voted $125,000 bonds, improving road from Walkers Bridge to McComb, 4th Road Dist.

Miss., Winona — Plans paving, curbing, guttering, laying lead water pipe, sanitary and storm sewers, etc. in Union, Church, Carroleton, College, Jones, Webster, Ratliff, Front, Summit, College and Magnolia Sts., Railroad, Hampton and Sterling Aves., Vine and City Alleys.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, making surveys improving 15 mi. Union City-Kentucky State line Rd., Obion Co. J. G. Creveling, highway comr.

Tenn., Centerville—Hickman Co., making surveys improving 9 mi. Centerville-Perry Co. line Rd. L. N. Totty, Centerville, road supt.

Tenn., Madisonville — Monroe Co. plans improving 25 mi. Madisonville-North Carolina State line Rd. To exceed $25,000.

Tenn., Memphis—Plans improving Riverside Blvd. from Trigg to South Parkway Sts., to Bellevue Blvd. from Lamar to Agnes Sts. and Jackson Ave. from Manassas to Breedlove Sts. $74,335.

Fla., Lake Maitland — Plans improving Packwood and Vanderpool Aves. $26,000, portions of Sybelia and George Sts. $26,000, portions of Lake Shore Drive, Lawrence Ave., and Dixie Highway $26,000, also Independence and Horatio Aves. $26,000. J. B. McCrary Eng. Corp., Citizens and South Bank Bldg., Atlanta, Ga., and Lake Maitland.

Fla., Palmetto—Plans grading and paving Lee St. $37,496, Harlee St. $72,157, Oak St. $33,198, and Pine St. $76,028; paving and sidewalks on Lemon Ave. $79,086. P. P. Pilcher, Palmetto, engr.

Fla., Tampa — Plans grading, repaving and widening Platt St., Ordinance 1024A. $29,035. R. D. Martin, City Hall, engr.

O., Columbus — Making plans grading, laying necessary water services and sewer connections, and paving 1,959 ft. Mooberry and 6th Sts., 26 ft., brick $27,889, asphalt $19,817; 4,075 ft. Binns Blvd. and Jason Ave., 24 ft., brick $41,958, asphalt $33,925; 811 ft. Cherry St. and alleys west of 6th and Forest Sts., 20 ft., brick $6,701, concrete $5,951; 411 ft. alley north Smith Pl., 21.25 ft., brick $3,567, concrete $3,228. R. H. Simpson, city engr.

O., Lisbon — Columbiana Co. plans improving 1 mi. West 8th St., 20 ft. $38,000. L. C. Kirk, Lisbon, engr.

O., Parma—Plans paving 0.5 mi. Bradley Ave., $25,000. Lander Eng. Co., Engineers Bldg., Cleveland, engrs.

O., Wadsworth—Plans brick or asphalt paving Bergey St., $35,000, and Pardee St. $30,000; improving South Pardee St., $25,000-$35,000.

Indiana — State Hy. Dept., Indianapolis, plans concrete paving 29,124 sq.yd. Federal Aid Rd. 91, in Lake Co. C. Gray, highway engr.

Ind., Plymouth—Marshall Co., plans grading and graveling 3.33 mi. Bowser Rd., 24 ft., 26,174, also 3.4 mi. Hochstetler Rd., 24 ft., $26,694. J. Hildebrand, Plymouth, engr.

Ind., Rensselaer—Jasper Co. plans grading and graveling 3.1 mi. Clark Rd., 24 ft. $26,974. E. D. Nesbit, Rensselaer, engr.

Ind., Valparaiso — Porter Co., plans grading and graveling 2.06 mi. Nicholson Rd., 24 ft., $25,940; 2.84 mi. McCord Rd., 24 ft., $25,915; 2.02 mi. Riggart Rd., 24 ft., $25,350; concrete paving 24,216 sq. yd. Scofield Rd., $68,500. F. R. McNiece, Valparaiso, engr.

Ind., Warsaw—Kosciusko Co. plans concrete paving 16,896 sq.yd. Crystal Lake Rd. $32,509. S. S. Boggs, Warsaw, engr.

Wis., Green Bay—City, W. L. Kerr, city clk., making plans paving 40,300 sq.yd. several streets, various types material considered. A. E. Kringel, City Hall, engr.

Wis., Wausau—Soon takes bids paving approximately 19,000 sq.yd. 6th St. To exceed $25,000. E. C. Gowen, City Hall, engr.

Kan., Abilene—Voted $138,847 bonds, for street improvements.

Kan., Alma — Wabaunsee Co. making preliminary plans grading, etc. 13.295 mi. Southern Trail, 28 ft.

Neb., Crete — Takes bids about May 1, paving, etc. 17 blocks of various streets. H. A. Davis, Crete, engr.

Mo., St. Louis—Soon takes bids concrete paving, etc. alleys in City blocks 2643, 2906, 2925, 2968, 3033, 3390, 3391, 3392, 4020-S, 4099, 4098-S, 4102, 4103-S, 5012-W, 5280, 5242, 5535, 5546, 5561; also Harlem Creek 16 Dist. Sewer, 7,625 ft. 8- to 36-in. vitr. clay, brick or segmental tile pipe. $70,000. W. W. Horner, 300 City Hall, engr.

Mo., Webb City — Voted $40,000 bonds paving various streets. Noted Apr. 2.

Tex., Boerne—Kendall Co. making plans improving 2 mi. highway from Kerr Co. line to Guadalupe River, 18 ft. $25,000. S. K. Mason, Boerne, engr.

Tex., Cameron — Milam Co. takes bids after May 1, graveling 7.6 mi. Ben Milam Highway, State Highway 36, Federal Aid Project 359, 18 ft. $110,500. A. F. Mitchell, Cameron, engr. Noted Jan. 22.

Tex., Cleburne — Johnson Co. making plans and soon takes bids 1 in. inverted

Streets and Roads (Continued)

penetration bituminous surfacing 10.86 mi. State Highway 2-A, Federal Aid Project 330, 18 ft. $57,500. R. E. Keller, Cleburne, engr.

Tex., Dickens—Clerk Dickens Co. takes bids after Apr. 28, gravel surfacing 3.97 mi. Dickens-Motley Co. line Rd., State Highway 18, Federal Aid Project 446 A, 16 ft., and sand clay surfacing 8.47 mi. same road. $92,600. J. W. Alger, Dickens, co. engr. Noted Apr. 9.

Tex., Linden—Cass Co. making plans and soon takes bids grading and bridging 7.44 mi. State Highway 48, Federal Aid Project 457-B, 26 ft. $77,400. F. E. Hess, Linden, engr.

Tex., Orange — Orange Co. takes bids about Apr. 25, grading, bridging and surfacing 4.5 mi. Orange-Port Arthur Rd. $90,000. D. C. Bennett, judge.

Tex., San Angelo—Voted $80,000 bonds, paving various streets. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

Tex., Temple—Voted $25,000 bonds, paving various streets. H. G. Greaser, city mgr. Noted Mar. 19.

Tex., Vernon—Election Apr. 21, $25,000 bonds paving various streets. H. Mason, mayor. Engineer not announced.

Tex., Waxahachie — Ellis Co. making plans and soon takes bids grading, bridging, etc., 5.89 mi. State Highway 34, Federal Aid Project 385-B. $29,400. Noted Jan. 15.

Okla., Blackwell—Plans grading, curbing and vertical fibre brick surfacing 6,480 sq.yd. Lincoln, A, 6th and Padon Sts. $31,-450. W. Ritzhaupt, Blackwell, engr.

Okla., Clinton — Plans grading, curbing and sheet asphalt surfacing 5,000 sq.yd. 5th St. $28,000. B. M. Hart, City Hall, Oklahoma City, engr.

Okla., Sulphur—Making surveys grading and gravel surfacing 31,000 sq.yd. Platt Natl. Park Rd. $42,000. E. L. Bandy, Sulphur, engr.

Colo., Florence—Making plans asphaltic or concrete paving Dist. 1. $82,184. Weiland Eng. Co., Pueblo, engr.

Calif., Richmond — Made plans concrete curbing with and without steel curb bars, concrete guttering 1.5 in. National on 2.5 in. asphaltic concrete surfacing, 325,000 sq. ft. Ohio and Waller Aves., 41st and 42nd Sts., etc. To exceed $25,000. E. A. Hoffman, engr. Noted Apr. 2.

Calif., San Diego—Common Council plans improving Villa Terrace and Dwight Sts., 130,326 sq.ft. 1.5 in. asphaltic concrete on 2.5 in. bituminous paving, 3,261 sq.ft. cement sidewalks, etc. F. A. Rhodes, City Hall, engr.

Calif., San Rafael — Marin Co. made plans grading and vibrolithic concrete paving, etc. 28,764 sq.ft. Scenic Rd. Dist. (Fairfax Manor); grading, Willite asphaltic concrete paving, etc. 80,992 sq.ft. Pacheco Tract-Fairfax, Domingo Ave., etc. and 40,-583 sq.ft. roads in Fairfax Park Tract. J. C. Oglesby, San Rafael, co. surv.

Ontario — Dept. Provincial Highways, Toronto, plans to expend $163,100 on roads in Welland Co. G. Hogarth, ch. engr.

Ont., Chatham — Kent Co. soon takes bids concrete paving 40,000 sq.yd. road. $120,000. W. G. McGeorge, Chatham, co. engr.

Ont., Hamilton — Barton Twp. plans to expend $35,000 for gravel and macadam road maintenance. Work mostly by day labor. $35,000. A. G. E. Bryant, twp. clk.

Ont., Kincardine — Plans probably concrete paving 24,000 sq.yd. main streets. $75,000. J. H. Scougall, engr.

Ont., Paisley—Plans concrete paving 12,-000 sq.yd. main streets. $38,000. J. C. Gibson, town clk.

Ont., Port Hope—Making plans sheet asphalt paving, etc., 2 to 2½ mi. Walton St. $90,000. M. W. Ferguson, city engr.

Ont., Toronto—East York Twp. plans grading, graveling, etc., 10 mi. various roads. $60,000. G. R. Jack, Municipal Yard, Sammon Ave., engr.

Ont., Toronto—York Twp. plans grading, graveling, crushed stone and macadam paving 10 mi. various roads. $189,150. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto—Plans extending, grading and asphalt and concrete paving 8,000 sq. yd. Oriole Parkway from Chaplin Crescent to Gormley Ave. $45,000. R. C. Harris, city engr.

Ont., Toronto—Plans concrete sidewalks on Hillsdale Ave. $2,926, Meagher Ave. $1,691, Devon Rd. $568, Mt. Pleasant Rd. $1,611, Newmarket Ave. $1,934, Redpath Ave. $839, Eastwood Rd. $759, Blackburn St. $1,274; concrete curbing Ingham Ave. $382, Cavell Ave. $154; asphalt paving Vincent St. $10,867, Ingham Ave. $7,213; concrete paving lane at South King St. $1,926; widening Don Esplanade East $30,-000; grading Abbott Ave. $11,100, lane between Brock and Margueretta Aves. $27,-500, Pearson and Galley Aves. $20,300, lane between Lawton and Uxbridge Aves. $5,950, Walder Ave. $9,300, lane between Armstrong Ave. and Millicent St. $25,000, lane between Munro and Hamilton Sts. $4,900. R. C. Harris, city engr.

Ont., Toronto—East York Twp., making plans concrete sidewalks on 10 mi. various streets. $60,000. G. R. Jack, Municipal Yard, Sammon Ave., engr.

BIDS DESIRED

Massachusetts — Apr. 28, by Pub. Wks. Dept., Boston, waterbound macadam paving 3,686 ft. highway in Rehoboth and Dighton $25,000; bituminous macadam paving 3,600 ft. highway in Seekonk $25,000, and 7,830 ft. highway in Groveland $50,000; bituminous concrete paving 4,600 ft. highway in Mashpee, $40,000, and 2,600 ft. highway in Sandwich, $25,000. W. F. Williams, comr.

Mass., Adams—May 4, by Bd. Selectmen, Town Hall, rein.-con. paving, curbing, laying sidewalks, etc., on various streets. H. C. Neff, Adams, engr.; adv. E. N.-R. Apr. 23.

Conn., Hartford—Apr. 28, by City, sheet asphalt on concrete paving Westbourne Parkway, Asylum, Laurel, and Ridgefield Sts., Maple, Bluehills, Capitol and New Britain Aves. $301,335. R. N. Clark, city engr.

New York—May 4, by Bd. Supervs. Westchester Co., Court House, White Plains, rein.-con. paving Palmer Ave. Co. Rd. 33 from Fortfield Ave. to village of Bronxville, 1.08 mi. in Yonkers. F. L. Merritt, clk.; adv. E. N.-R. Apr. 23.

N. Y., Brooklyn—Apr. 30, by Park Bd. at office Dept. Parks, 5th Ave. and 64th St., New York City, grading and surfacing Williamsburg playground at Johnson Ave., Leonard, Lorimer and Boerum Sts., here. F. D. Gallatin, pres.

N. Y., Buffalo — Apr. 27, by Dept. Pub. Wks., Municipal Bldg., repaving Washington St., paving Cecil, Roslyn, Newburgh, Pearl and Stevenson Sts., Camden, Weber, West Winspear, Phyllis, Starin and LaSalle Aves. W. F. Schwartz, comr.

N. Y., Ithaca—May 13, by Bd. Pub. Wks., paving 7 streets, rein.-con., Hillside brick, asphaltic concrete and stone block. W. O. Kerr, city clk.; adv. E. N.-R. Apr. 23.

N. Y., Lake Placid—May 4, by Village Bd. Trustees, Town Hall, grading and paving North Main St. and Shore Dr. E. C. Herb, clk.; adv. E. N.-R. Apr. 23.

N. Y., Long Island City — Apr. 27, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sheet asphalt repaving 92nd St., and in 1st and 2nd Wards; grading, curbing, etc. Ely, Roosevelt and 95th Aves., 99th, 102nd, 109th and 112th Sts.

N. Y., New York—Apr. 27, by J. Miller, pres. Manhattan Boro, Municipal Bldg., repaving 37th and West 170th Sts.; widening and repaving 47th and 55th Sts.

N. Y., New York — Apr. 28, by H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., grading, curbing, etc. Sedgwick and Holland Aves.; paving Macombs Rd., East 214th and 149th Sts., Morris and Allerton Aves.

N. Y., New York—Apr. 29, by J. Miller, pres. Manhattan Boro, Municipal Bldg., sheet asphalt paving 67th St.; sheet asphalt repaving 119th St. and 2nd Ave., widening and sheet asphalt repaving Lexington and West End Aves.; granite block repaving 128th St.

N. Y., New York—Apr. 30, by Park Bd., at office Dept. Parks, 5th Ave. and 64th St., asphalt mastic repaving, walks of Seward Park; asphaltic concrete paving entrance to Central Park from West 106th St. to West Dr. F. D. Gallatin, pres.

N. Y., Scarsdale—May 4, by Bronx Parkway Comn., 72 West Pondfield Rd., Bronxville, 9,600 sq.yd. asphalt block paving, here. J. Downey, engr. and secy.; adv. E. N.-R. Apr. 23.

N. Y., Scotia — Apr. 27, by Bd. Village Trustees, paving, etc. Bruce and Center Sts. H. B. Toll, village clk.; adv. E. N.-R. Apr. 23.

N. Y., Westfield—May 4, by Bd. Village Trustees, grading and paving pearl, East Pearl, portions of Union and Elm Sts. Hill & Hill, Westfield, engrs.; adv. E. N.-R. Apr. 23.

New Jersey—May 11, by State Hy. Dept., Trenton, graveling and rein.-con. paving Route 4, Sect. 30, Ocean Co. A. L. Grover, secy.; adv. E. N.-R. Apr. 23.

New Jersey—May 4, by State Hy. Dept., Trenton, concrete and sheet asphalt paving, etc., Route 6, Sect. 16, Broad St., Gloucester Co.; and rein.-con. paving Route 18, (North) Sect. 1, Bergen Co. A. L. Grover, secy.; adv. E. N.-R. Apr. 23.

N. J., Cape May—May 20, by Bd. Chosen Freeholders, Cape May Co., rein.-con. paving Cape May Point Blvd. G. F. Smith, Marmora, co. engr.; adv. E. N.-R. Apr. 23.

N. J., Lambertville — Apr. 27, by City Comn., improving various streets, 14,472 sq. yd. bituminous surface dressing, 13,290 sq. yd. scarifying and resurfacing, 4,057 sq.yd. waterbound macadam, 6,800 sq.yd. penetration macadam. G. Davis, Whitehouse Sta., engr.

Maryland — Apr. 28, by State Roads Comn., Baltimore, 9 sections of highways in Baltimore City, Garrett, St. Marys, Cecil, Talbot, Washington, Allegany, Montgomery and Harford Counties. J. N. Mackall, chn.; adv. E. N.-R. Apr. 23.

Maryland—May 5, by State Roads Comn., Baltimore, paving 9 sections in Howard, Baltimore, St. Marys, Wicomico, Carroll, Prince George, Anne Arundel, Dorchester and Worcester Counties; adv. E. N.-R. Apr. 23.

Md., Baltimore—Apr. 29, by Bd. Awards, grading, curbing and asphalt paving 13,550 sq.yd. Contr. 278-OC, and grading, curbing and concrete paving 8,480 sq.yd. Contr. 279-OANA. S. C. Rowland, 214 East Lexington St., acting chn. paving comn.

W. Va., Fayetteville—May 15, by Fayette Co., T. Boone, clk., Court House, bituminous macadam surfacing 8 mi. Kincaid-Kingston Rd., Kanawha Dist., Project K-50; adv. E. N.-R. Apr. 23.

North Carolina — May 5, by State Hy. Comn., Raleigh, hard surfacing 14 projects in Beaufort, Bertie, Brunswick, Forsyth, Guilford, Jackson, Lee, Macon, Mecklenburg, Perquimans, Moore, Wake and Wayne Counties; grading sand, clay, top soil, or gravel surfacing 6 projects in Anson, Beaufort, Edgecombe, Johnston, Randolph and Robeson Counties; adv. E. N.-R. Apr. 23.

Louisiana — Apr. 28 (extended date), by State Hy. Dept., Reymond Bldg., Baton Rouge, furnishing gravel and surfacing 7.515 mi. State Project 42, A and B, New Orleans-Baton Rouge Highway, from Kenner to Shrewsbury, Jefferson Parish. W. B. Robert, ch. engr. Noted Mar. 26.

Louisiana—May 7, by State Hy. Comn., Reymond Bldg., Baton Rouge, graveling 10.7 mi. State Project 438 A, Clinton-Greensburg Highway, East Feliciana Parish, also 400 ft. creosoted pile trestle bridge on State Project 438 B. W. B. Robert, highway engr.

La., Homer—May 13, by E. H. Fortson, pres. Claiborne Parish Police Jury, constructing 6.5 mi. Parish Project 1 D, Junction City-Homer Highway. J. A. Loup, parish engr.

Tenn., Paris—Apr. 28, by J. W. Holman, engr., Paris, oil surfacing 150,000 sq.yd. various streets, for City.

O., Brooklyn Heights (mail Independence) —May 4, by Village, sheet asphalt or vitr. brick paving, etc., 3,000 sq.yd. Oxford Rd., also laying 6,600 lin.ft. stone sidewalks on Tampa Ave. To exceed $25,000. W. H. Evers Eng. Co., Engineers Bldg., Cleveland, engrs.

Ind., Columbia City — May 5, by E. D. Scott, engr., Columbia City, grading and graveling 3.5 mi. Monohan Rd., 24 ft., $25,-417; and 15,525 ft. Knisely Rd., 30 ft., $27,590.

Ind., Ft. Wayne — May 5, by O. M. Darling, engr., Ft. Wayne, grading and graveling 15.84 mi. Hamilton Rd., 24 ft., for Allen Co.

Ind., Portland—Apr. 30, by H. Teeters, Portland, engr., grading and paving 2.9 mi. Burtner Rd., $26,875; grading and graveling 3.5 mi. Hahn Rd., $27,697, both 24 ft., for Jay Co.

Ind., Plymouth — May 5, by J. Hildebrand, engr., Plymouth, grading and graveling 3.4 mi. Hochstetler Rd., $26,694; 13.33 mi. Bowser Rd., $26,174, both 24 ft., for Marshall Co.

Ind., Rensselaer—May 4, by E. D. Nesbit, engr., Rensselaer, grading and stone or gravel paving 3.1 mi. Clark Rd., 24 ft., for Jasper Co. $26,974.

Ind., South Bend — Apr. 28, by F. G. Anderson, city engr., South Bend, sheet asphalt paving 19,360 sq.yd. 34th St. $30,103.

Ind., Warsaw—May 5, by S. S. Boggs, engr., Warsaw, cnocrete paving 16,896 sq. yd. Crystal Lake Rd., for Kosciusko Co. $32,509.

Michigan—Apr. 30, by State Hy. Dept. at office Comrs. Saginaw Co., Saginaw West Side, grading 5.802 mi. Federal Aid Project 92, Sect. A-2, 48,755 cu.yd. cut and 356,241 cu.yd. hydraulic excav.

Streets and Roads (Continued)

Ill., Forest Park—May 1, by Bd. Local Impvts., concrete surfacing 33,000 sq.yd. alleys. Suhr & Berryman, 105 North Clark St., Chicago, engrs.; adv. E. N.-R. Apr. 23.

Ill., Lake Forest—May 15, by City Clerk, grading, concrete curbing and surfacing 24,900 sq.yd. Northmore Terrace. $145,000. N. N. Campbell, city engr.

Wisconsin—Apr. 28, by State Hy. Comn., at Div. Office 4, Citizens Natl. Bank Bldg., Wisconsin Rapids, grading, bridging and surfacing 10.44 mi. Marshfield-Ashland Rd., Federal Aid Project 224-S, Marathon Co., Sect. A, 10,262 cu.yd. borrow, 63,467 sq.yd. concrete surfacing, 15,777 lbs. reinforcing, etc., Sect. B, 17,832 cu.yd. earth excav., 110,581 sq.yd. concrete surfacing, 56,310 lin. ft. parting strip, 24,439 lbs. reinforcing, etc. J. T. Donohue, Madison, highway engr.

Wis., Green Bay — Apr. 27, by W. L. Kerr, city clk., improving various streets, 25,900 lin.ft. combination concrete curb and gutter, 14,600 cu.yd. grading, 40,300 sq.yd. rein.-con., vibrolithic concrete, sheet asphalt, asphaltic concrete, Warrenite bitulithic, brick, sandstone or creosoted block paving, etc. A. E. Kringel, City Hall, engr. Noted Feb. 26.

Wis., Hartford—May 5, by W. Radtke, city clk., curbing, guttering, one and two course rein.-con. or vibrolithic concrete paving, etc. 7,000 sq.yd. Johnson and Wisconsin Sts. J. Donohue Eng. Co., North 8th St., Sheboygan, engrs. Noted Apr. 2.

Wis., Merrill—Apr. 28, by H. R. Allen, city clk., grading, concrete, rein.-con., vibrolithic concrete or brick paving 20,000 sq.yd. various streets.

Wis., Milwaukee—Apr. 27, by R. Stoelting, comr. Dept. Pub. Wks., grading, curbing, sidewalks and vibrolithic, one course or asphaltic concrete paving 33,723 sq.yd. Holt, New York, Illinois, Indiana, Delaware and Pennsylvania Aves.; grading, curbing, sidewalks and vibrolithic concrete paving 8,729 sq.yd. Burleigh St., 5,535 sq.yd. 57th St., 12,521 sq.yd. Lake St., 2,033 sq.yd. eastern half of 60th St., 1,680 sq.yd. Edgewater Ave., and 8,661 sq.yd. Lincoln Ave. J. Schwada, City Hall, engr.

Ia., Primghar — May 5, by Auditor O'Brien Co., grading and gravel surfacing 14.1437 mi. North and South Primary Rd., 18 ft. W. L. Anderson, Court House, engr.

Minn., St. Paul—Apr. 28, by H. W. Austin, city purch. agt., approximately asphaltic concrete paving 11,022 sq.yd. Wheelock Parkway between Payne Ave. and Arcade St. $30,000. G. M. Shephard, city engr.

Neb., Broken Bow — May 7, by H. R. Knapp, clk. Custer Co, improving 5.4 mi. Arnold-Merna Rd., Federal Aid Project 188-B, 36,400 cu.yd. earth, 6,800 cu.yd. clay excav. for surfacing, 19,550 sta.yd. overhaul, 600 cu.yd. mile haul clay, 32,122 cu.yd. concrete for headwalls, etc. R. L. Cochran, Lincoln, highway engr.

Neb., Hebron—May 8, by B. A. Young, clk. Thayer Co., improving 3.2 mi. Hebron-Nelson Rd., Federal Aid Project 164-E, Hebron Co., 28,000 cu.yd. earth, 350 cu.yd. special and 400 cu.yd. channel excav., 20,000 sta.yd. overhaul, etc. R. L. Cochran, Lincoln, highway engr.

Neb., Omaha — Apr. 30, by F. Dewey, clk. Douglas Co., improving 12.71 mi. Center St., Federal Aid Project 78, Douglas Co., Sect. 1, 63,255 sq.yd. brick, bituminous concrete, sheet asphalt or concrete paving, 71.52 cu.yd. extra concrete, 6,288 lbs. reinforcing, etc., Sect. 270,009 sq.yd. brick, bituminous concrete, sheet asphalt or concrete paving, 53.64 cu.yd. extra concrete, 1,600 cu.yd. clay for shoulders, 1,900 cu.yd. haul clay, 4,716 lbs. reinforcing, etc. R. L. Cochran, Lincoln, highway engr.

Neb., Tecumseh—May 5, by W. J. Devenney, City Hall, city clk., grading, curbing, guttering and brick, vibrolithic or rein.-con. paving 10,212 sq.yd. streets in Paving Dist. 2. R. C. Gore, City Hall, engr.

Kan., Kingman—Apr. 28, by City Clerk, curbing, brick, asphalt, concrete or bitulithic surfacing, etc., 14,096 sq.yd. Main St. C. A. Haskins, Finance Bldg., Kansas City, Mo., engr. Noted Mar. 19.

North Dakota — May 4, by State Hy. Comn., and Bd. Comrs. Cass Co., at Court House, Fargo, graveling, clearing and grubbing, etc., 12.33 mi. Federal Aid Project 253, from Mapleton east to Fargo, and 19.158 mi. Federal Aid Project 268 A, north and west of Fargo.

North Dakota — May 5, by State Hy. Dept., and Comrs., Pierce Co., Court House, Rugby, grading, clearing and grubbing, etc. 6.725 mi. Federal Aid Project 204-A, about 6.5 mi. south of Rugby.

North Dakota — May 6, by State Hy. Comn. and Bd. Comrs. Dunn Co., at Court House, Manning, clearing, grubbing and grading, etc., 4.294 mi. Federal Aid Project 266 A, 4.2 mi. north of Manning.

North Dakota — May 7, by State Hy. Comn., and Bd. Comrs. Logan and McIntosh Counties, at Court House, Ashley, clearing, grubbing, grading, etc., 27.446 mi. Federal Aid Project 254 between Wishek and Fredonia.

North Dakota — May 13, by State Hy. Comn. and Bd. Comrs. Wells Co., at Court House, Fessenden, clearing, grubbing and grading 14.5 mi. Federal Aid Projecta 264, east and west through Fessenden.

Mo., Maryville—Apr. 27, by City Clerk, grading, curbing and 7 in rein.-con. paving 8,135 sq.yds., Market, Dunn and South Main Sts. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, engr. Noted Apr. 2.

Arkansas—Apr. 29, by State Hy. Dept., Little Rock, grading, bridging, etc., 11.9 mi. Federal Aid Project 187-A, Sebastian Co., and 7.2 mi. Federal Aid Project 191-B, Lee Co. R. C. Limerick, highway engr.

Oklahoma—Apr. 28, by State Hy. Dept., Oklahoma City, amesite surfacing 5 mi. Federal Aid Project 42-B, 5,280 tons amesite furnished by state. J. M. Page, highway engr.

Okla., Dewar — Apr. 30, by D. V. Armstrong, clk. Okmulgee Co., 3 span 240 ft. steel truss bridge on concrete piers, 260 tons steel, etc. $30,000. H. C. King, Okmulgee, engr.

Okla., Sulphur—Apr. 29, by E. L. Baudy, engr., Sulphur, grading and graveling 46,925 sq.yd. Platt National Park Roads, for City. $42,000.

Okla., Weleetka—Apr. 27, by W. W. Griffin, city clk., grading, curbing and Troy granite gravel surfacing 7,100 sq.yd. Creek, 7th, 8th and 10th Sts., etc. $28,338. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Mar. 19.

Colo., Denver—Apr. 30, by Dept. Impvts. & Parks, asphaltic concrete paving 12 blocks each Capitol Hill Paving Dists. 17, 18, 19 and 20. Former bids rejected. Noted Apr. 9.

N. M., Tucumcari — May 2, by L. Piaz, city clk., City Hall, brick, concrete, vibrolithic, asphaltic or Warrenite concrete paving 19,692 sq.yd. streets in Paving Dist. 1. Devlin Eng. Co., 318 Sedgwick Bldg., Wichita, Kan., and Amarillo, Tex., engrs. Noted Mar. 12.

Arizona—May 4, by W. C. Lefebvre, state highway engr., Phoenix, improving Tucson-Nogales Highway, Federal Aid Project 86-A, approximately 8,000 cu.yd. roadway and 3,000 cu.yd. structural excav., 66,000 cu.yd. roadway borrow, 28,000 cu.yd. roadway surfacing, 105,000 lb. reinforcing, 70,000 sta.yd. mi. overhaul, etc., for State Hy. Dept.

California—May 4, by State Hy. Comn., Sacramento, improving 3.6 mi. highway between point 2 mi. south of San Onofre and Northerly Boundary, (VII-S. D.-2-D), San Diego Co., $51,000 cu.yd. roadway and 190 cu.yd. structural excav., 460,000 sta.yd. overhaul, 174,080 sq.ft. subgrading, 1,775 tons rock in shoulders, etc. R. H. Morton, highway engr.

Calif., Ceres—City Trustees taking bids improving portions of 4th and 5th Sts., 88,368 sq.ft. grading, 133,213 sq.ft. 5 in. concrete paving, etc. D. P. Boothe, city engr. Noted Apr. 2.

Calif., Los Angeles—May 4, by Supervs. Los Angeles Co., improving Wilshire Blvd., etc. (Hancock Park Dist.), 12,224 cu.yd. grading, 17,996 sq.yd. shape roadway, 4,895 sq.yd. 6 and 8 in. cement and 11,980 sq.yd. 5 in. macadam paving, etc.; also Main St. in Watts City, 1,285 cu.yd. excav., 3,511 sq.yd. shape roadway, 3,683 sq.yd. disintegrated granite sub-base, 3,511 sq.yd. cement paving, etc. G. Jones, Hall of Records Bldg., engr.

Calif., Martinez — May 4, by Supervs. Contra Costa Co., oil macadam paving 1 mi. Marsh Creek Rd., 16 ft., and concrete paving 5,503 lin.ft. road 1 mi. south of Pittsburg, 18 ft. R. R. Arnold, Martinez, co. surv.

Calif., Santa Rosa — Supervs. Sonoma Co., taking bids paving 5 mi. Santa Rosa-

WATER SUPPLY—KANSAS CITY, MO.

Following are lowest three bids opened by A. J. Stewart, Purch. Agt., March 19, for Contr. No. 1, Missouri Valley Tunnel, (A) Smith Bros., Inc., 2701 Coombs St., Dallas, Tex., (awarded contract); (B) Tibbets & Pleasant, Tulsa, Okla.; (C) The Ryan Co., Chicago, Ill.; Contr. No. 2, Turkey Creek Tunnel, (A) Smith Bros., Inc., (awarded contract); (B) A. L. Patterson & Co., Macon, Ga.; (C) J. J. Dunnegan Constr. Co., Shenandoah, Ia. The unit bids are as follows:

Contract No. 1

	A	B	C
4,000 cu.yd. earth excavation in open cut	$2 25	$2 00	$3 00
100 cu.yd. rock excavation in open cut	10 00	2 00	6 00
100 lin.ft. sinking waterway shafts in earth	200 00	300 00	300 00
465 lin.ft. sinking waterway shafts in rock	150 00	300 00	200 00
46,000 cu.yd. excavation in tunnel	15 50	15 50	18 50
100 cu.yd. enlargement of shaft and tunnel in rock	20 00	30 00	22 00
100 M. ft. B. M. permanent timbering in tunnel	90 00	125 00	100 00
Handling water in shafts and tunnel during construction (lump sum)	1,000 00	25,000 00	14,000 00
1,500 cu.yd. concrete masonry in shafts	20 00	30 00	30 00
19,000 cu.yd. concrete masonry in tunnels	17 30	13 00	16 50
300 cu.yd. concrete masonry in open cut	20 00	15 00	20 00
100 cu.yd. excess concrete masonry in shafts and tunnel	5 00	5 00	5 00
100 cu.yd. dry packing in tunnel	6 00	7 00	8 00
400 lin.ft. drilling holes in rock and masonry	1 00	1 00	3 00
5,000 lin.ft. steel pipe for grouting	.40	1 00	1 00
1,000 making connections for grouting	1 50	4 00	2 50
800 ton sand for grout	3 50	4 00	4 00
2,000 cu.yd. mixing and placing grout	3 50	15 00	15 00
40,000 bbl. portland cement	2 40	3 00	2 50
60,000 lb. steel for reinforcing concrete	.06	.06	.08
200 lin.ft. 12-in. vitrified pipe	2 00	7 00	5 00
150,000 lb. caring for and setting metal work furnished by city	.03	.02	.07
Locker houses (lump sum)	10,000 00	2,800 00	1,500 00
Hydrostatic test (lump sum)	1,000 00	4,400 00	2,500 00
Extended totals	$1,319,750	$1,406,700	$1,540,800

Contract No. 2

	A	B	C
200 cu.yd. earth excavation in open cut	$2.25	$1 50	$1 50
10 cu.yd. rock excavation in open cut	10 00	4.25	5 00
40 lin.ft. sinking waterway shafts in earth	275 00	465 15	400 00
275 lin.ft. sinking waterway shafts in rock	275 00	407 85	400 00
70 lin.ft. sinking construction shafts in earth	275 00	215 50	400 00
70 lin.ft. sinking construction shafts in rock	275 00	257 85	400 00
23,000 cu.yd. excavation in tunnel	18 50	16 00	17 00
100 cu.yd. enlargement of shaft and tunnel in rock	20 00	19 00	25 00
100 M. ft. B. M. permanent timbering in tunnel	90 00	40 00	100 00
Handling water in shafts and tunnel during construction (lump sum)	1,000 00	100 00	100 00
500 cu.yd. concrete masonry in shafts	20 00	41 00	35 00
10,000 cu.yd. concrete masonry in tunnels	16 75	13 50	20 00
150 cu.yd. concrete masonry in open cut	20 00	16 00	20 00
100 cu.yd. excess concrete masonry in shafts and tunnels	5 00	5 00	5 00
100 cu.yd. dry packing in tunnel	6 00	5 00	10 00
200 lin.ft. drilling holes in rock and masonry	1 00	1 50	1 00
3,000 lin.ft. steel pipe for grouting	.40	.75	50
800 making connections for grouting	1 50	1 50	3 00
400 tons sand for grout	3 50	2 50	7 00
1,000 cu.yd. mixing and placing grout	3 50	9 00	12 00
23,000 bbl. portland cement	2 40	2 50	2 30
45,000 lb. steel for reinforcing concrete	06	.07	07
200 lin.ft. 12-in. vitrified pipe	2 00	1 00	3 00
50,000 lb. caring for and setting metal work furnished by the city	03	.05	.02
Locker houses (lump sum)	12,500 00	2,332 00	6,000 00
Hydrostatic test (lump sum)	1,000 00	2,221 00	2,500 00
Extended totals	$825,575	$778,795	$893,000

Streets and Roads (Continued)

Guerneville Highway to connect Santa Rosa with Sebastopol-Guerneville Highway, 470,000 sq.ft. 2 in. Willite on 3 in. asphaltic concrete, etc. To exceed $75,000. R. P. Smith, Santa Rosa, engr. Noted Mar. 12.

B. C., Golden—Apr. 27, by Minister Pub. Wks., Victoria, grading, etc., 3.17 mi. Golden Yoho-Park Rd., here. $150,000. P. Philip, c/o Dept. Pub. Wks., Victoria, engr.

Ont., Stratford—Apr. 28, by A. B. Manson, city engr., curbing, guttering, asphalt and concrete paving 23,000 sq.yd. various streets. $100,000.

Ont., Williamstown — May 6, by W. T. Bailey, clk. Charlottenburg Twp., waterbound macadamizing 13,000 sq.yd. Glen Donald and Apple Hill Rds. $25,000.

BIDS RECEIVED

Connecticut — J. A. MacDonald, comr. State Hy. Dept., Hartford, rein.-con. paving 6,960 ft. Shore Rd., and concrete paving 3,550 ft. West Sect. Boston Post Rd., both in Westport, from Waterbury Concrete Constr. Co., 110 Grand St., Waterbury, $47,997 and $73,967 respectively; waterbound macadam paving 6,000 ft. Georgetown Rd., in Redding, from Osborn-Barnes Co., Odd Fellows Bldg., Danbury, $47,354. 6,000 ft. Macedonia Rd., in Kent, from W. J. Montgomery Co., 72 Conner St., New Haven, $58,368, 12,996 ft. Dodington Rd., in Newton, from J. DeMichiel, 58 High St., Torrington, $66,564, 19,985 ft. Amston Rd., in Colchester and Hebron, from L. Suzio Constr. Co., State and Brooks Sts., Meriden, $83,234, 20,785 ft. Raymond Hill Rd., in Montville, from D. Arrigonni, Middletown, $102,933, 12,900 ft. Branford-North Branford Rd., in Branford and North Branford, from Helleher Bros., Montague City, Mass., $52,956; rein.-con. paving 6,960 ft. Boston Post Rd. East Side, in Westport, from Silliman & Godfrey, 133 Admiral St., Bridgeport, $66,753; 3 in. bituminous on 5 in. crushed stone paving 45,394 ft. Northampton Turnpike, in Windsor, Windsor Locks and East Granby; from Lane Constr. Co., 37 Colony St., Meriden, $168,134; 8 in. native stone macadam paving 10,071 ft. Indian Wood Rd., in East Lyme, from N. Benvenuti & Son, 74 Goshen St., New London, $50,862. Noted Apr. 2.

New York—A. W. Brandt, comr. highways, Albany, **(e. e. means engineers estimate)**, from F. Lux, Johnstown, constructing and reconstructing 5.93 mi. Highway 937, Copenhagen, Lewis Co., and Highway 1129, Lewis Co. line, South Champion, Jefferson Co., $233,078 e. e. $260,816; from New York Willite Paving Corp., Rochester, 5.27 mi. Highway 5634, Evans Center-Farnham, Erie Co., $180,771 e. e. $210,601; from Dale Eng. Co., Mann Bldg., Utica, 8.545 mi. Highways 6, 165 and 256, Ridge, Parts 1, 2 and 3, Monroe Co., $270,559 e. e. $339,934, 4 mi. Highway 616, Trumansburg-Ithaca, Tompkins Co., $153,306 e. e. $184,273; from H. W. Patterson, Hornell, 2.69 mi. Highway 1260, Belvidere-Transit Bridge-Angelicia, Alleghany Co., $115,273 e. e. $138,352, 4.78 mi. Highways 5538 and 5582, LeRoy Pavilion, Parts 1 and 2, Genesee Co., $164,377 e. e. $208,469, 3.53 mi. Highway 683, Dryden-Cortland, Part 1, Tompkins Co., $135,954 e. e. $160,900; from W. Curtis & Co., Geneva, 1.07 mi. Highway 638 Geneva, and 635 Geneva-Halls Corners, Ontario Co., $46,476 e. e. $51,940, from F. W. Knickenberg, 702 Michigan Ave., Buffalo, 1.18 mi. Highway 5259, Salamanca-Little Valley, Part 2, Cattaraugus Co., $57,950 e. e. $69,093; from J. M. Murray, LeRoy, 8.87 mi. Highways 5271 and 5270, Portage-Mt. Morris, Parts 2 and 3, Livingston Co., $191,658 e. e. $258,189; from H. W. Batchelder, Herkimer, 1.59 mi. Highway 686, Weedsport-Cato, Cayuga Co., $55,916 e. e. $63,871; from H. E. Bunce, Olean, 1.16 mi. Allegany-Vandalia, Cattaraugus Co., $55,072 e. e. $66,471; from C. D. Murray, Syracuse, 4.23 mi. Highway 5329, Cazenovia, Morrisville, Madison Co., $190,940 e. e. $215,184; from E. J. Bailey, Brocton, 3.86 mi. Highway 938, Cassadaga-Fredonia, Chautauqua Co., $203,366 e. e. $241,092; from Wood & Wolcott, Inc., Buffalo, 4.25 mi. Highways 5029 and 5084, Schodack Center-Valatie, Parts 1 and 2, Rensselaer Co., $227,684 e. e. $270,130; from Peoples Paving Co., Inc., 85 Roma Ave., Buffalo, 5.2 mi. Highway 617, Lewiston-Dickersonville, and Highway 9109, Tuscadora-Indian Reservation, Niagara Co., $191,960 e. e. $239,976; from J. Thompson, Carthage, 6.58 mi. Highway 5199, Chazy-Rouses Point, Highway 5228, Rouses Point Village, and Highway 5337, Rouses Point-Canadian line, Clinton Co., $227,886 e. e. $256,176; from A. A. Howard, Fairport, 4.01 mi. Highway 169, Dugway, Part 2, Monroe Co., $98,619 e. e. $118,569.

N. Y., Albany — Paving, etc. Quail St., from H. Dumary, 119 State St., $184,925, engrs. est. $190,000; Jay St., from F. Sheehan, Albany, $108,816, engrs. est. $150,000; Morton Ave., from M. F. Dollard, 36 State St., $165,224, engrs. est. $180,000; South Ferry St., from P. W. Mulderry, Albany, $36,672, engrs. est. $40,000.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Apr. 14, from Sicilian Asphalt Paving Co., 41 Parw Row, New York City, sheet asphalt paving Charlotte Pl. $10,490, Troutman St. $24,160, 101st St. $10,015, curbing, etc. 78th St. $39,668; from Cleveland Trinidad Paving Co., Flushing, sheet asphalt repaving Flushing and Jamaica Sts., $79,465; from Highway Impvt. & Repair Co., 50 Church St., New York City, sheet asphalt paving 91st St. $65,020, Woodhaven Ave. $12,700; from C. Kurth, 9519 126th St., Richmond Hill, grading, curbing, sidewalks, etc. on Nurge St. $3,270. Noted Apr. 9.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Apr. 16, granite block repaving Park (4th) Ave., from P. Cramer, 154 East 150th St., $5,980; 11th Ave., from W. J. Fitzgerald, 547 East 45th St., $479,760. Noted Apr. 9.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Apr. 14, grading and concrete paving Hylan Blvd. from Brighton Ave. to highwater mark Arthur Kill, Contr. 5, from Fords Constr. Co. Inc., Fords, N. J., $89,905. Noted Apr. 9.

New Jersey—State Hy. Dept., Trenton, concrete paving 33,177 sq.yd. Route 4, Sect. 28A, Waretown-Forked River cutoff, from M. Staub, Pitman, $154,002. Noted Apr. 2.

Pa., Phila.—Delaware River Bridge Joint Comn., 806 Widener Bldg., Apr. 15, 720,000 lin.ft. steel reinforcing trusses, Constr. 21 A, from Rivet Grip Steel Co., Cleveland, O., $144,000. Noted Mar. 26.

Md., Baltimore — Bd. Awards, Apr. 15, sheet asphalt paving Calvert, Hanover and Charles Sts., Linwood and Fairmount Aves., from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $75,637; also 15,150 sq.yd. Contr. 276 OC, from P. Flanigan & Sons, Harford Rd. and Baltimore and Ohio R.R., $50,058. Noted Apr. 9.

Louisiana — State Hy. Dept., Reymond Bldg., Baton Rouge, constructing Pearl River Bridge, on New Orleans-Mississippi Highway, Federal Aid Project 126, Sect. D, Tammany Parish, also bridge across Darbonne Bayou, on Farmersville-Ruston Highway, Union Parish, from Vincennes Bridge Co., Vincennes, Ind., $119,009 and $18,969 respectively; repairs to Alexandria traffic bridge, from C. W. Nott, Jennings, $24,926. Noted Feb. 26.

Ohio — Dept. Highways and Pub. Wks., Columbus, Apr. 10, grading and paving with **(a)** brick incl. brick **(b)** state to furnish brick **(c)** Kentucky rock asphalt **(d)** concrete **(e)** bituminous macadam asphalt **(f)** tar macadam **(g)** rein.-con. **(h)** asphaltic macadam, state to furnish stone **(i)** tar macadam state to furnish stone **(j)** Kentucky rock asphalt, state to furnish stone **(k)** asphaltic macadam **(l)** bituminous macadam, asphalt incl. stone **(1)** 0.234 mi. Sect. "Bluffton" Lima-Sandusky Rd., Allen Co. **(2)** 0.234 mi. Sect. "Bluffton" Lima-Sandusky Rd., Allen Co. **(3)** 0.534 mi. Sect. "Yorkville" Ohio River Rd., Belmont Co. **(4)** 1.494 mi. Sect. "A-1" Ohio River Rd., Belmont Co. **(5)** 0.581 mi. Sect. "Russellville" Cincinnati-West Union Rd., Brown Co. **(6)** 1.405 mi. Sect. "F" Cleveland-Sandusky Rd., Erie Co. **(7)** 0.301 mi. Sect. "Dublin" Columbus-Marysville Rd., Franklin Co. **(8)** 1.478 mi. Sect. "B" Roundhead-Ada Rd., Hardin Co. **(9)** 2.21 mi. Sects. "G" and "McGuffy" Roundhead-McGuffy Rd., Hardin Co. **(10)** 1.637 mi. Sect. "0-2" National Rd., Miami Co. **(11)** 3.593 mi. Sect. "J" Cambridge-Newcomerstown Rd., Tuscarawas Co. **(12)** 0.979 mi. Sect. "Newcomerstown" Urichsville-Newcomerstown Rd., Tuscarawas Co. **(13)** 0.637 mi. Sect. "Newcomerstown," Newcomerstown-Urichsville Rd., Tuscarawas Co. **(14)** 1.656 mi. Sect. "C-1" Dayton-Lebanon Rd., Warren Co. **(15)** 10.248 mi. Sects. "G," "H" and "K," Bowling Green-Fremont Rd., Wood Co., from G. B. Walther, 425 Amer. Bank Bldg., Lima, **(a1)** $9,391 **(a2)** $7,921; from W. Sousley, Ada, **(b1)** $7,243 **(c1)** $7,233 **(b2)** $6,355 **(c2)** $5,608 **(c8)** $39,873; from Stringer & Springer, Wheeling Bank & Trust Bldg., Wheeling, West Va., **(a3)** $26,032 **(d3)** $19,036 **(a4)** $71,876 **(b4)** $55,623 **(d4)** $55,319; from C. E. Blehm, Georgetown, **(e5)** $12,508; from Knott & Meyers, Russelville, **(f5)** $11,950; from Homeberger & Wager, Sandusky, **(g6)** $44,100; from L. L. Aller, Worthington, **(c7)** $11,712 **(e7)** $10,105 **(f7)** $10,105 **(h7)** $6,833 **(j7)** $8,440; from Newell & Smith, Defiance, **(g8)** $40,574 **(g9)** $58,824; from Laubis Stone Co., Kenton, **(c9)** $54,624; from C. Krampton, Dayton, **(g10)** $47,876; from W. M. Brode Co., Newcomerstown, **(g11)** $117,066 **(g13)** $17,521; from Pringle & Buerkle, Batavia, **(k11)** $131,698; from Davis & Davenport, Spencerville, **(g12)** $27,044; from C. J. Uible, Hillsboro, **(f14)** $61,160 **(l 14)** $31,000; from J. Mathias, Toledo **(e and f15)** each $129,886. Noted Apr. 2.

Ill., Savanna — Concrete surfacing, etc. 5,550 sq.yd. Dist. 40, and paving 1,050 sq.yd. Dist. 41, from Carroll Constr. Co. (J. E. Bower), Milwaukee, Wis., $25,618.

Wis., Fond du Lac — J. Hohensee, city clk., Apr. 8, paving 22,226 sq.yd. 12th, 13th, Carpenter, Lloyd, Marys, Warner, South Sibley, Follett, Boyle, and South St., from A. Larson & Co., South Barstow St., Eau Claire, rein.-con., $74,728; from J. Rassmussen & Sons, foot of 7th St., Oshkosh, asphaltic concrete. $74,168. Noted Apr. 2.

Wis., West Allis — Bd. Pub. Wks., A. Wichner, supt., from Lex Constr. Co., 446 68th St., improving Burnham St. between east city limits, 7,555 cu.yd. grading at $1.25 per cu.yd., 15,684 sq.yd. rein.-con. paving $2.32 per sq.yd., vibrolithic concrete $2.43, rein.-con. in track zone, $2.38. Noted Mar. 26.

CONTRACTS AWARDED

N. Y., Brooklyn — J. A. Guider, hdqrs. pres., Boro Hall, to W. J. McHale Contg. Co., 1250 Jefferson St., grading, curbing, etc., Bay Ridge Ave. $3,248, to J. F. McHugh, East 42nd St. $1,866, to Grimm Contg. Co., 170 McKinley St., East 28th St. $2,315, to G. M. Mandatto, 129 29th St., West 6th St. $4,630, 76th St. $2,923, 66th St. $3,472, 80th St. $2,469, to T. V. Scott, 671 Halsey St., Ave. T, $1,396, 54th St. $1,729, to Carberry-Block Corp., 45 South 9th St., 80th St. $3,162; to Cranford Co., 52 9th St., asphalt paving Bay Ridge Ave. $7,886, 71st St. $7,492, 76th St. $7,418, 82nd St. $8,682, to Cleveland Trinidad Asphalt Paving Co., Flushing, East 28th St. $4,340, East 31st St. $3,780, to M. J. O'Hara, 717 65th St., Ave. T $3,468, 76th St. $7,243, 77th St. $7,503; to Brooklyn Alcatraz Co., 407 Hamilton Ave., recurbing and asphalt paving 6th Ave. $6,995, Bway. $10,476. Noted Apr. 9.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sheet asphalt repaving Fresh Meadow Rd., to W. P. MacDonald Constr. Co., 342 Madison Ave., New York City, $677,775. Old South Rd. from city line to Woodhaven Ave., to Sicilian Asphalt Paving Co., 41 Park Row, New York City, $68,460. Noted Apr. 16.

N. Y., New York — H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., to C. D. Beckwith, 2875 Bway., sheet asphalt paving Hunt Ave. $14,999; to Interboro Asphalt Co., 2306 Creston Ave., bituminous concrete paving Van Nest Ave. $37,411, to Gaffney Constr. Co., 50 East 42nd St., Mosholu Parkway, $25,992; to J. Gebert, grading, curbing, etc., Fteley Ave., $12,686, to I. F. Cavaluzzo, 1538 Walton Ave., Pelham Parkway, $9,927; to Remo Realty Co., 645 East Tremont Ave., sewers in Benedict and Edison Aves. $5,200 and $3,385 respectively. Noted Apr. 16.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Stuyvesant Pl. and Bway., to J. E. Donovan, Richmond Terrace, Port Richmond, $30,263. Noted Apr. 9.

Pennsylvania—State Dept. Hys., Harrisburg, **(R. means Route and A. Application)** grading and rein.-con. surfacing 49,500 sq.yd. R. 265-4, A. 3332, Enon Valley Boro, Lawrence Co., to Colonial Constr. Co., Arrott Pl., Pittsburgh, $218,426; 36,863 sq.yd. R. 71, Sec. 2, West Franklin Twp., Armstrong Co., to C. Winters Constr. Co., Renfrew, $172,262; 65,800 sq.yd. R. 17, Monroe and Albany Twps., Bradford Co., to Horn & Devling, Athens, $367,994; 23,026 sq.yd. R. 27, Centre Hall Boro-Potter and Spring Twps., Centre Co., to Reitz Bros., Sunbury, $121,659; 126,800 sq.yd. R. 48, Sects. 3 and 4, Cumberland Valley Twp., Bedford Co., to M. Bennett & Sons, Indiana, $658,057; 567 sq.yd. R. 57, Snyder Twp., Blair Co., to A. L. Anderson & Bros., Inc., Altoona Trust Bldg., Altoona, $22,548. Noted Apr. 2.

Pa., Ford City—Paving 2nd St., 5th Ave. extension, 3rd, 4th and 5th Aves., to McCrady Bros., Braddock. Engrs. est. $50,000.

Pa., Pittsburgh — Grading, curbing and paving Middletown Rd., to Booth & Flinn Ltd., Forbes St., $41,053, engrs. est. $45,000; and Norwich Ave., to Dunn & Ryan Constr. Co., Keystone Bldg., $31,335, engrs. est. $32,000.

Md., Baltimore — Bd. Awards, grading and concrete paving alleys in Contr. 114, to Arundel Constr. Co., Knickerbocker Bldg., $23,715. Noted Apr. 2.

Md., Baltimore—Bd. Awards, City Hall, cement paving 15,390 sq.yd. Contr. 274-NA, to Aiello Constr. Co., Gough and 4th Sts., $41,336; sheet asphalt paving 9,900 sq.yd. Contr. 274-OCOA, to P. Flanigan & Son,

Streets and Roads (Continued)

Harford Rd. and Baltimore & Ohio R.R., $55,024. Noted Apr. 9.

W. Va., Huntington—Vitr. brick surfacing Brandon Rd., to Karr & Short, Huntington, $42,055. Noted Apr. 2.

North Carolina — State Hy. Comn., Raleigh, **(S. A. P. means State Aid Project)** grading and concrete paving, etc. 8.35 mi. S. A. P. 915-B, Cherokee Co., to R. H. Wright & Son, Dillsboro, $208,358; 8.62 mi. S. A. P. 915-A, Cherokee Co., to Appalachian Constr. Co., Knoxville, Tenn., $223,963; 5.99 mi. S. A. P. 297, Wilson Co. and 6.51 mi. S. A. P. 161, Nash Co., to Highway Eng. & Constr. Co., Selbyville, Del., $187,892 and $207,093 respectively; 3.44 mi. S. A. P. 753-C, Stokes Co., to G. R. Martin, Salisbury, $99,137; 10.77 mi. S. A. P. 215, Craven Co., to Virginian Eng. Co., Newport News, Va., $277,520; 12.61 mi. S. A. P. 720-C, Caldwell Co., to Thompson-Caldwell Constr. Co., Cherryville, $318,352; 6.57 mi. S. A. P. 487-A, Wake Co., 6.62 mi. S. A. P. 448, Lee Co., to C. B. Hester, Greensboro, $52,779 and $48,548 respectively; 10.13 mi. S. A. P. 824, Cleveland Co., to Geer & Wilson, Rutherfordton, $60,871. Noted Apr. 2.

Ala., Decatur—Asphalt surfacing 8 blocks 5th Ave. W., Davis and Vine Sts., 25 and 40 ft., to Independent Paving Co., Amer. Trust Bldg., Birmingham, $27,000. Engrs. est. $27,200. Noted Feb. 26.

Miss., Sardis—Panola Co., gravel surfacing 3.117 mi. Federal Aid Project 55, to Williamson & Wilbourn, Water Valley, Miss., $34,032; grading, etc., 14 mi. Como-Crenshaw Rd., to S. B. Boyd, Columbia, $29,618. Noted Mar. 19.

O., Canton—Bd. Control, improving 15th St. S. W., to R. E. Cash Asphalt Paving Co., Cincinnati, $97,455. Engrs. est. $100,000. Noted Mar. 19.

O., Shadyside—City Council, rein.-con. paving West 40th, 41st and 44th Sts., to H. M. Bates, Steubenville, $48,973. Noted Mar. 19.

Mich., Detroit — To Cleveland Trinidad Paving Co., 402 Hammond Bldg., grading and paving with 3½ in. sheet asphalt on 8 in. concrete 1,106 sq.yd. Waverly Ave. $5,713, 1,165 sq.yd. St. Martins Rd. $5,326, 2,488 sq.yd. Humphrey Ave. $12,886; to Detroit Asphalt Paving Co., 909 Free Press Bldg., 4,750 sq.yd. Wildemere Ave. $22,167, 4,640 sq.yd. Bedford Rd. $22,633, 2,480 sq.yd. Burt Ave. $12,113 7,980 sq.yd. Beaconsfield Ave. $37,018, 2,040 sq.yd. Gladys St. $9,949 2,210 sq.yd. Griggs Ave., Sect. 2 $10,343, 4,650 sq.yd. Keller Ave. $21,761, 4,040 sq.yd. Burnette Ave. Sect. 1, $19,359, 14,590 sq.yd. LaSalle Ave. $63,663, 3,580 sq.yd. Birwood Ave., Sect. 2 $16,853, 2,570 sq.yd. Birwood Ave., Sect. 1 $12,113, 6,100 sq.yd. Lenox Ave. $28,696, 2,790 sq.yd. Monte Vista Ave., Sect. 2 $13,012, 663 sq.yd. Otsego Ave. $3,765, 5,210 sq.yd. Prairie Ave. $26,948; to M. R. Hanna Co., 2700 Six Mile Rd., 2,680 sq.yd. Hawthorne Ave. $13,318, 11,600 sq.yd. Iverness Ave. $53,511, 5,370 sq.yd. Chesterfield Rd. S. $26,047, 5,630 sq.yd. Chesterfield Rd. N. $25,100, 7,100 sq.yd. Petoskey Ave. $30,664, 6,340 sq.yd. Pembroke Ave. $29,231, 1,460 sq.yd. Gardendale Ave. $6,595, 1,930 sq.yd. Sheffield Rd. $8,748, 1,930 sq.yd. Wakefield Ave. $8,799, 4,120 sq.yd. Canterbury Rd. $18,409, 1,225 sq.yd. Roslyn Rd. $5,674, 3,190 sq.yd. Shresbury Rd. $14,420, 7,310 sq.yd. Picadilly Rd. $33,045, 8,210 sq.yd. Gallagher Ave. $37,806, 3,510 sq.yd. Carmel Ave. $16,129, 5,020 sq.yd. Longwood Ave. $22,377. Noted Apr. 2.

Michigan — State Hy. Dept., Lansing, grading and concrete paving 5.2 mi. State Trunk Line Rd. 27-21, B, Sanilac Co., to C. G. Milne, Saginaw, $98,488; 1.602 mi. State Trunk Line Rd. 27-21 A, Sanilac Co., to J. H. Baker & Son, Port Huron, $34,000. Noted Apr. 16.

Michigan — State Hy. Dept. at office Comrs. Eaton Co., Charlotte, grading and concrete paving Federal Aid Project 100 D, to H. A. Crane, Midland, $180,945. Noted Apr. 16.

Michigan — State Hy. Dept., Lansing, concrete paving 3.402 mi. State Trunk Line Rd. 27-15, Sect. B, St. Clair Co., to J. H. Baker & Sons., Port Huron, $100,658.

Mich., Detroit — Dept. Pub. Wks., City Hall, 325,000 granite blocks, f.o.b. Detroit, to Wisconsin Granite Co., 11 South LaSalle St., Chicago, Ill., $35,100.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete surfacing 9.89 mi. Route 36, Sects. 14-A and 15-A, Pike Co., and 6.36 mi. Route 24, Sect. 1, Christian Co., to Stevens Bros., St. Paul, Minn., $69,661 and $133,488 respectively, 7.6 mi. Route 8, Sects. 47-A and 48-A, Peoria, Knox and Fulton Counties, to W. D. Knapp, Peoria, $41,736, 1.64 mi. Route 8, Sect. 9, Iroquois Co., to Divine Constr. Co., Watseka, $35,932, 6.5 mi. Route 1, Sect. 32, Saline Co., to French Constr. Co., Fairfield, $109,979, 12.17 mi. Route 5, Sects. 28 and 29, JoDaviess Co., to Black Hawk Constr. Co., Waterloo, Ia., $276,799, 6.25 mi. Route 5, Sects. 30 and 31, JoDaviess Co., to Western States Paving Co., Davenport, Ia., $106,866, 11.11 mi. Route 9, Sect. 46, Vermilion Co., to Etchison-Patterson Co., Casey, $109,785, 11.18 mi. Route 22, Sect. 20, Lake Co., to Universal Eng. Co., Medford, Wis., $229,922, 2.57 mi. Route 31, Sect. 10, Brown and Schuyler Counties, to McMahon Constr. Co., Rochester, Ind., $58,730, 15.39 mi. Route 36, Sects. 11, 12 and 13, Adams Co., to Hamilton-Hoffman Constr. Co., Carbondale, $362,445, 1.27. mi. Route 37, Sects. 11-x and 13-x, Franklin and Williamson Counties, to Mitchell Constr. Co., Marion, $35,888, 17.99 mi. Route 9, Sects 37, 38, 40, 41 and 41-D, McDonough and Fulton Counties, to Jansen & Schaefer, 212 North Capitol St., Pekin, $376,874; gravel surfacing 2.14 mi. Route 12, Sect. 9, Clay and Richland Counties, and grading 3.31 mi. Route 38, Sects. 2 and 2-A, Jersey Co., to R. G. Flauger & Co., Urbana, $21,014 and $92,704 respectively; grading 6.1 mi. Route 43, Sect. 1, Menard Co., to Duncan Constr. Co., Champaign, $121,856, 1.94 mi. Route 33, Sect. 7-A, Effingham Co., to W. T. Bland, Murphysboro, $21,132, 4.07 mi. Route 27, Sect. 16-A, Carroll and Ogle Counties, to S. J. Groves & Sons Co., Montreal St. and Cleveland Ave., Minneapolis, Minn., $29,300. Noted Dec. 11 and Apr. 2.

Ill., Elgin — Grading and rein.-con. surfacing Franklin and Ann Sts., to C. E. Giertz & Sons, Elgin, $20,892 and $41,306 respectively.

Ill., Pontiac — State Aid Rd. Comn., Livingston Co., rein.-con. surfacing 1 mi. road, 18 ft., in Reading Twp., to Hartman & Clark, Streator, $30,823.

Wis., Milwaukee — Dept. Pub. Wks., R. Stelting, comr., concrete paving 1 alley each to Milwaukee Genl. Constr. Co., 427 Mitchell St., $6,317, to J. Bluhm & Son, 1298 Achilles Pl., $3,582, to W. F. Hunt, 1036 1st St., $6,567, to Parkinson Constr. Co., 32 227th St., $4,230; 2 alleys each, to C. Slattery, 584 71st Ave., West Allis, $8,393 and to F. Blodgett, 521 Newton Ave., $17,877; 3 alleys, to Schwerm Bros., 50 Lee St., $14,931. Noted Apr. 9.

Wis., Milwaukee—R. E. Stoelting, comr. Dept. Pub. Wks., vibrolithic concrete paving portions of Arthur Ave., to Czerwinski Constr. Co., 775 National Ave., $3,328, Finn Pl., to A. Retzlaff, 868 Island Ave., $2,336, 14th and 15th Sts., to S. and H. Constr. Co., 92 Mason St., $15,169; vibrolithic concrete paving 44th, 45th and Chambers Sts., also one course concrete paving 2nd Ave., to R. Gumz, 831 13th Ave., $18,254 and $5,637 respectively; one course concrete paving 17th St., to G. W. Hirth, 1309 7th St., $2,625; concrete sidewalks on portions of Lisbon Ave., to Tex. Constr. Co., 446 68th Ave., West Allis, $221. Noted Apr. 16.

Wis., Neenah—H. S. Zemlock, city clk., grading, curbing, rein.-con. paving, etc., 10,300 sq.yd. 1st, 2nd, Lincoln and Center Sts., to C. Johnson, Hayes Bldg., Oshkosh, $25,721. Noted Apr. 16.

Wis., Waukesha—C. J. Hahn, highway comr., grading and concrete surfacing, etc., 38,000 sq.yd. Janesville Plank Rd., Waukesha Co., to S. and H. Constr. Co., 92 Mason St., Milwaukee, $77,225. Noted Apr. 2.

Ia., Grundy Center—Grundy Co., grading 40,000 cu.yd. various roads, to W. Dutton, Boone, at $0.275 per cu.yd.; 6 bridges, to Fiefield Constr. Co., Waterloo, $10,700; 3 bridges, to Waugh & Tackman, Clarksville, $5,987, 25 bridges and culverts, to Mamminga Constr. Co., $16,170.

Ia., Indianola—Concrete surfacing 36,000 sq.yd. various streets to Lytle Constr. Co., 625 Trimble Bldg., Sioux City, at $2.14 per sq.yd. and resurfacing over wood block approximately 27,000 sq.yd., to J. MacVicar, Jr., 1338 9th St., Des Moines. Noted Apr. 9.

Minn., Preston—F. J. Ibach, aud. Fillmore Co., grading 6 mi. Job 2503, State Road 3, 40,000 cu.yd. excav., to P. T. Pfeifer Co., St. Charles, $13,480, and 2 beam span bridges on above, 165 cu.yd. concrete and 110 cu.yd. concrete in culverts, to I. A. Vickerman, Preston, $6,397; gravel surfacing 12 mi. Job 2504, State Roads 6 and 8, to H. Miller, Hartley, $10,170, and 6 mi. Job 2505, State Road 5, to R. W. Klemmer, Owatonna, $9,387. Noted Mar. 26.

North Dakota — State Hy. Dept. and Comrs. Pierce Co., at Court House, Rugby, improving 9.078 mi. Federal Aid Project 204 east and north of Balta, 89,969 cu.yd. earth and 3,400 cu.yd. rock excav., 5,541 cu.yd. overhaul, etc., to Schultz Bros., Bowbells, $31,143. Noted Mar. 5.

Mo., Keytesville—Grading, curbing and vibrolithic concrete paving Bway. from Front to 4th Sts., to Reed & Wheelock, Clay Center, Kan., $29,415.

Mo., Salisbury — Concrete paving 8,675 sq.yd. various streets, to Reed & Wheelock, Clay Center, Kan. $28,725.

Mo., Sedalia—N. L. Nelson, city clk., concrete surfacing 5,100 sq.yd. Wilkerson St., to De Jarnett & Schrader, Sedalia, at $2.16 per sq.yd.; 3,100 sq.yd. Vermont St. and 4,500 sq.yd. 7th St., to F. T. Leeming, Sedalia, at $2.17 and $2.13 respectively; 3,500 sq.yd. 6th St. and 4,650 sq.yd. Washington St., to Bertman & Menefee, Sedalia, at $2.14 and $2.22 respectively. Noted Mar. 19.

Tex., Plano—For 2½ in. rock asphalt on 6 in. gravel surfacing various city streets, to D. B. Talliaferro, Sherman, $77,891. Engrs. est. $75,000.

Tex., Wichita Falls—City and Wichita Co., surfacing 12 blocks Holliday St., to L. E. Whitman & Co., Morgan Bldg., $93,573.

Okla., Clinton — Grading, curbing and sheet asphalt surfacing 3,600 sq.yd. 13th St., to Western Paving Co., Tradesmens Bldg., Oklahoma City, $34,643. Engrs. est. $35,000. Noted Feb. 19.

Okla., Durant — Grading, curbing and concrete surfacing 9,800 sq.yd. Beech St., to S. O. Maxey & Co., Durant, $32,319. Engrs. est. $34,400.

Okla., McAlester — Grading, curbing, paving, etc. 5 blocks Seminole St., to J. W. Rooks, McAlester, at $2.30 per sq.yd. Noted Apr. 2.

Okla., Oklahoma City—Grading, curbing and sheet asphalt surfacing 5,850 sq.yd. Harvey St. from 25th to 27th Sts. and East St. from 4th to 7th Sts., to Western Paving Co., Tradesmens Bldg., Oklahoma City, $31,746. Engrs. est. $32,000.

Okla., Wetumka — Grading, curbing and vertical fibre brick surfacing 7,100 sq.yd. East St. Louis Ave., to Park & Moran, Box 622, Okmulgee, $30,718. Engrs. est. $33,345. Noted Apr. 2.

Idaho—W. J. Hall, comr. Pub. Wks., at office Commissioners Shoshone Co., Wallace, constructing 3.89 mi. Federal Aid Project 73-D, between Cataldo and Kingston, Shoshone Co., 8.27 acres clearing and grubbing, 28,550 cu.yd. earth, 7,242 cu.yd. loose and 3,901 cu.yd. solid rock excav., 43,295 sta.yd. overhaul, etc., also 0.22 mi. road between Cataldo and Kootenai, Shoshone Co., 3 acres clearing and grubbing, 7,940 cu.yd. excav., 511 cu.yd. crushed rock surfacing, etc., $39,237 and $4,817 respectively 10.22 mi. Federal Aid Project 84-B, between Moreland and Taber, Bingham Co., 31,807 cu.yd. earth, 1,491 cu.yd. loose and 514 cu.yd. solid rock excav., 5,835 sta.yd. overhaul, etc., to Dayley & Adams, Blackfoot, $12,466.

Colorado—State Hy. Dept., Denver, concrete paving 1.908 mi. Ft. Logan Highway, Federal Aid 904-B, Araphoe Co., to R. L. Hanes, 617 1st Ave., Denver, $37,985. Engs. est. $47,770. Noted Apr. 16.

Nevada—State Hy. Comn., Carson City, constructing 10.24 mi. highway between Westgate and Eastgate, Contr. 122, Churchill Co., 50,500 cu.yd. excav., 1,924 sta.yd. overhaul, 12,200 cu.yd. load and screen gravel, 23,250 yd. mi. haul and 11,700 sq.yd. spread gravel, etc., to Dodge Bros., Inc., Fallon, $60,852. Noted Mar. 19.

Arizona—State Hy. Comn., Phoenix, improving 9 mi. Prescott-Phoenix Highway, Federal Aid Project No. 72-B, to Schmidt & Hitchcock, Phoenix, $222,828. Noted Mar. 26.

Calif., Inglewood—To G. R. Curtis Co., 2440 East 26th St., Los Angeles, improving Grevillea Ave., 154,445 sq.ft. grading at $0.02 per sq.ft., 95,360 sq.ft. 5 in. Willite paving $0.17, 25,157 sq.ft. sidewalks $0.16, 5,060 ft. 18 in. curb $0.55, etc., total approximately $26,520.

Calif., Isleton — Town Trustees, grading and asphaltic concrete paving, etc. 180,000 sq.ft. various streets, to Valley Paving & Constr. Co., Box 1057, Visalia, $45,172. Noted Apr. 2.

Calif., Los Angeles—Improving Ravenna Ave. and J St. Impvt. Dist., 18,653 cu.yd. cut, 8,970 cu.yd. fill, 357,420 sq.ft. 6 in. concrete paving, 43,534 sq.ft. cement sidewalks, 8,239 lin.ft. cement curbing, 4,351 sq.ft. oiled surface on rock, to Griffith Co., 502 Railway Bldg., $89,345, engrs. est. $117,566; Union Ave., 5,900 cu.yd. cut., 150,067 sq.ft. 8 in. concrete paving, 6,831 sq.ft. cement sidewalks, 1,474 lin.ft. cement curbing, etc., to W. Liddington, 420 East 60th St., $42 556, engrs. est. $46,260.

Ont., Cornwall—United Counties of Stormont, Dundas & Glengarry, grading and 8 mi. macadam roads, etc., in Contrs. 70-77 inclusive, to F. M. Eagleson, Winchester,

Streets and Roads (Continued)

$49,489, to McIntosh & McDougall, Cornwall, $18,392, McCallum Bros. & Lalonde, Apple Hill, $8,946, to O. Major, Williamstown, $7,250.

Ont., Welland—R. Cooper, engr., County Bldg., 4 mi. waterbound macadam highway, for Welland Co., to J. Pirson, Stevensville, $7,775 per mi. and 2.75 per cu.yd. for additional stone. Noted Mar. 31.

Buildings—Industrial

PROPOSED WORK

N. H., Wolfeboro — MILL — Wolfeboro Woolen Mills, H. H. Hart, mgr., plans rebuilding mill recently destroyed by fire. $150,000. Engineer and architect not selected.

Mass., Boston—REPAIR and SERVICE GARAGE—Y D Service Garage, c/o L. S. Joslin, archt., 339 Newbury St., having preliminary plans prepared 3 story, 55 x 115 ft., rein.-con., 345-347 Newbury St. $100,000.

Mass., Springfield — SUB-STATION — United Electric Light Co., L. J. Scott, genl. mgr., 73 State St., plans sub-station, Wilbraham Ave. $150,000. McClintock & Craig, 33 Lyman St., engrs. Noted Mar. 5.

N. J., Camden—PLANT—J. R. Evans Co., 2nd and Erie Sts., plans 1 story, 260 x 480 ft., concrete block and brick. $200,000. Engineer and architect not selected.

Va., Richmond — PLANT — Albermarle Paper Mfg. Co., Tredegar St., plans 4 story addition. $200,000. B. W. Cole, treas.

Ga., Augusta—SUB-STATION—Augusta-Aiken Ry. Co., Lamar Bldg., engaged J. G. White Eng. Corp., 43 Exch. Pl., New York City, to design and construct outside substation at Stevens Creek, alterations and additions to Augusta substation, etc., incl. additions and alterations to crossing towers, poles and telephone system.

Ga., Louisville — LIGHT PLANT — City plans electric light plant. $50,000.

Ga., Macon—PLANT—Dixie Fireproofing Co., Georgia Casualty Bldg., W. P. Stevans, pres., making plans clay making plant. $100,000.

Fla., Miami Beach — LAUNDRY — Sanitary Cleaning Co., 128 North Main St., having plans prepared laundry. $1,000,000. Private plans.

La., Donaldsonville — LIGHT PLANT — See "Waterworks."

Miss., Peabody — PLANT — Woelfel Embossing & Decorating Co., D. E. O'Connor, pres., Pierpont St., plans rebuilding plant recently destroyed by fire. $40,000. Engineer and architect not selected.

Tenn., Chattanooga — PLANT — Burdett Oxygen Co., Alton Park, plans new plant. $100,000.

Tenn., Chattanooga — TEXTILE FACTORY — Natl. Yarn Processing Co., plans two 2 story, rein.-con. buildings, 100,000 sq.ft. floor space.

O., Dover — FOUNDRY — Penn Mold & Mfg. Co. soon takes bids 1 story, 77 x 160 ft., brick, steel and concrete addition, West 3rd St.; steel contract, to Canton Bridge Co., Beldon and 19th St. N. E., Canton. Archts. est. $40,000.

Ind., Columbus — PLANT — Columbus Packing Co. plans three 1 story, 60 x 151 ft., 50 x 150 ft., and 50 x 75 ft., brick and steel plant, plain foundations. $65,000. Private plans.

Mich., Iron Mountain — PLANT — Iron Mountain Gas Co., W. L. Tibbs, pres., 214 West Water St., Milwaukee, Wis., having plans prepared 2 story, brick and steel gas plant, plain foundation and new gas holder, here. $100,000. Gas Mchy. Co., 1900 Euclid Ave. Cleveland, O., engrs.

Ill., Chicago — FACTORY — Kellogg Box Board Co., 2555 West Taylor St., having plans prepared, 1 story, 125 x 350 ft., rein.-con., brick and stone, plain foundation. $150,000. Moore & Neely, 219 East Superior St., engrs.

Ill., Chicago—PRINTING—Cueno Press Co., Inc., 455 West 22nd St., having sketches made by A. L. Aischuler, 28 East Jackson Blvd., 203 x 300 ft. printing plant, Archer St. and south branch Chicago River. $400,000-$500,000.

Wis., Green Bay — FACTORY — Green Bay Awning & Tent Co., 524 Main St., plans 2 story, 30 x 120 ft., brick and timber, plain foundation, Main St. $40,000. Engineer and architect not selected.

Wis., Madison — PLANT — J. Heilprin Fruit Co., West Mifflin St., making plans 1 story, brick, rein.-con. and steel cold storage and fruit plant, Wilson St. $40,000. Private plans.

Wis., Madison—PLANT—State Journal Printing Co., 115 South Carroll St., having plans prepared by J. R. and J. Law, 1st Central Bldg., 2 story and basement, 50 x 88 ft. newspaper plant, rein.-con., brick and steel, plain foundation. $50,000.

Wis., Racine — FOUNDRY — Standard Fdry. Co., 1600 Kewaunee St., having plans prepared by A. Wickland & Co., archts. and engrs., 5 South Wabash Ave., Chicago, Ill., 1 story, 200 x 240 ft., brick and steel, plain foundation, Kewaunee St. $250,000.

Wis., Racine — MANUFACTURING — Racine Malleable & Wrought Iron Co., Lakeside St., plans rebuilding 1 story, 50 x 300 ft., brick and tile manufacturing plant, plain foundation, recently destroyed by fire. Engineer and architect not selected.

Wis., Richland Center—FACTORY—E. B. Prouty, Spring Green, plans 2 story and basement, rein.-con., brick and steel factory, here. $40,000. Engineer and architect not selected.

Wis., Stevens Point—COLD STORAGE—A. Shafton & Co., South 2nd St., plans 2 story, 75 x 80 ft., brick and concrete cold storage plant, plain foundation. $40,000. Engineer and architect not selected.

Minn., St. Paul — FACTORY — Farmer Canning Co., J. L. Farmer, pres., Montpelier, Ia., plans 2 story and basement, brick factory, St. Paul Park. $40,000. Engineer and architect not announced.

Mo., North Kansas City — PLANT — Deckard Steel & Wire Co., Pittsburg, Kan., plans plant, on 2½ acre site north of Armour-Swift-Burlington bridge over Missouri River, here. $250,000.

Tex., El Paso — FACTORY — Hayman Krupp & Co., 119 West Overland St., having plans prepared and soon takes bids 2 story concrete and brick factory. $150,000. Private plans.

Tex., Wichita Falls—ICE PLANT—D. L. Cross, Linz Bldg., Dallas, and W. P. Lincoln, 5400 Gaston Ave., Dallas, plan ice plant, here. $50,000. Engineer and architect not selected.

Wash., Tacoma—PLANT—Cascade Paper Co., West Tacoma St., plans plant addition. $400,000.

Calif., Meadow Valley—POWER PLANT, etc.—R. B. Muir, (interested), 2765 Steiner St., San Francisco, plans power plant, incl. rein.-con., multiple type storage dam, 92 ft. high, 940 ft. long on top, 50 ft. on bottom, storing 78,000 acre ft., also 10.6 mi. conduit, etc., here.

Calif., San Luis Obispo — LIGHTING PLANT—City plans election $40,000 or more bonds, for lighting plant.

Que., Bromptonville—MILL—Brompton Pulp & Paper Co. Ltd., plans pulp mill. $500,000.

Ont., Guelph—PLANT—City plans central heating plant for general hospital. $45,000. N. S. Nicklin, city engr.

Ont., Kenora — MILL — Backus Brooks Co., 1 and 2 story, rein.-con., brick and steel mill, plain foundation. $1,500,000. J. T. McLennan, Kenora, engr.

Ont., Listowel—FACTORY—City Dairy Ltd., Spadina Crescent, Toronto, having plans prepared by Gore, Nasmith & Storrie, engrs., Confederation Life Bldg., Toronto, 2 story, rein.-con., brick and steel, plain foundation. $100,000.

Ont., Toronto — FACTORY — Canadian SKF Co., 83 King St. W., plans 2 story and basement, rein.-con., brick and steel, plain foundation, Bay St. $50,000. Engineer and architect not selected.

Ont., Toronto—PLANT—A. R. Clarke & Co., Ltd., 633 Eastern Ave., having plans prepared by M. Parker, engr., c/o owner, 2 story and basement, rein.-con., brick and steel addition, plain foundation, Eastern Ave. $160,000.

Ont., Toronto—PLANT—Consumers Gas Co., 55 Adelaide St. E., plans gas plant addition. $500,000. Private plans.

Ont., West Lorne—PLANT—Dominion Canners Ltd., Hamilton, plans rebuilding plant, recently destroyed by fire. $100,000.

BIDS DESIRED

Mass., Lawrence—PLANT—H. P. Hood & Sons, Charlestown, taking bids 1 story, brick addition, here. $40,000. C. T. Main, 200 Devonshire St., Boston, engr.

Mass., Malden—FACTORY—C. Nidener Sons Co., 20 James St., taking bids altering and constructing 3 story, brick and timber additions. $40,000. C. T. Main, 200 Devonshire St., Boston, archt. and engr.

Mass., Worcester — WAREHOUSE — Budish & Kaplan Co., 20 Bridge St., taking bids 2 story and basement, rein.-con., brick and steel, Bridge St. To exceed $40,000. J. P. Kingston & Son, 507 Main St., archts.

Conn., Milldale (Hartford P. O.)—FACTORY—Clark Bros. Bolt Co., taking bids 1 story, 45 x 125 ft., brick addition, Milldale St., $40,000. W. T. Arnold, 34 West Main St., Meriden, archts. Noted Apr. 9.

N. Y., Mt. Pleasant—BOILER PLANT—May 4, at office F. L. Merritt, clk. Bd. Supervs. Westchester Co., Court House, White Plains, alterations and additions to boiler plant, etc., at Grasslands Hospital, here. J. F. Musselman, 101 Park Ave., New York City, consult, engr.; adv. E. N.-R. Apr. 23.

Pa., Phila.—PLANT—Apr. 20, by C. F. Wunder, archt., 1520 Locust St., 3 story and basement, 83 x 136 ft., rein.-con., brick and stone, plain foundation, 55th & Sansom Sts., for Security Bank Note Co., 223 Chestnut St. $150,000.

Wis., New London—CANNERY—Hamilton & Sons Canning Co. taking bids 3 story, 50 x 150 ft., brick and timber addition, plain foundation. $45,000. Private plans.

Wis., West Allis — SUB-STATION — F. Luber, archt., c/o Milwaukee Electric Railway & Light Co. (owner) Pub. Serv. Bldg., Milwaukee, taking bids 2 story, 40 x 63 ft., brick and concrete, plain foundation, 77th Ave. $40,000-$50,000.

S. D., Rapid City—PLANT—May 6, by Rapid City Packing Co., E. E. Hill, genl. mgr., 3 story, 60 x 80 ft., rein.-con. and brick. $65,000. J. C. Ewing, Rapid City, archt.

CONTRACTS AWARDED

N. H., Nashua—BAKERY—Nashua Baking Co., 11 Mulberry St., 2 story and basement, 75 x 135 ft., rein.-con. addition, Mulberry St., to S. Belanger & Son, 308 Main St. Archts. est. $75,000.

Mass., Brighton (Boston P. O.) — GARAGE—R. A. Jennings, 12 Everett St., 1 story, 100 x 140 ft., brick, stone and concrete, plain foundation, Harvard and Brighton Aves., to R. J. Gouvreau, 43 Tremont St., Boston. $150,000.

Mass., Cambridge (Boston P. O.) — PLANT—Houghton Mifflin Co., 2 Park St., Boston, 1 story, brick and timber printing plant addition, to Turner Constr. Co., 178 Tremont St., Boston. Archts. est. $40,000.

Mass., Cambridge (Boston P. O.)—FACTORY — Lever Bros., Bway., altering 3 story, brick factory, Bway., to Walsh Bros., Hampshire St. Archts. est. $40,000. Noted Feb. 12.

Mass., Lawrence — BAKERY — White House Baking Co., 2 story, rein.-con. and steel, Florence Rd., to Hutton & Sons, 42 Holly St. Archts. est. $40,000.

Mass., Lawrence — REPAIR and SERVICE GARAGE—L. Guerrern, 87 Bway., will build 1 story, 100 x 140 ft., rein.-con. and steel, plain foundation, Essex St. by day labor. $40,000. H. Petzeld, Bay State Bldg., archt.

Mass., Newtonville (Boston P. O.)—REPAIR and SERVICE GARAGE—Newton Motor Sales Co., West Newton Sq., Newton, 1 and 2 story, 30 x 70 ft., and 60 x 105 ft., rein.-con. and steel, plain foundation, Washington St., here, to J. McDonald Constr. Co., 77 Summer St. Archts. est. $50,000. Noted Apr. 2.

Mass., Worcester — PLANT — Warren Belting Co., 33 Artic St., 3 story, brick and timber addition, to E. J. Cross Co., 82 Foster St. Archts. est. to exceed $40,000.

Conn., Buckland—MILL—E. E. Hilliard Co., Buckland, 3 story and basement, 78 x 227 ft. carding, spinning and finishing unit, brick and steel, to H. Wales Lines Co., 134 State St., Meriden. Archts. est. $200,000. Noted Apr. 16.

Pa., McKeesport—PLANT—McKeesport Journal, general contract 2 story and basement, 30 x 140 ft. plant, 6th Ave. and Walnut St., to P. L. Fleckenstein, 1300 Grandview Ave. Archts. est. $40,000.

Pa., Phila. — BAKERY — Tasty Bakery Co., 5 story and basement, 60 x 80 ft., rein.-con. and brick addition, plain foundation, 2801 Hunting Park Ave., to J. N. Gill Constr. Co., Center City Bldg.

Pa., Phila. — FACTORY — Certenteed Products Co., 1 story, 83 x 113 ft., rein.-con. and brick, 2nd and Erie Sts., to Stoffiet & Tillotson, Wesley Bldg.

Pa., Phila.—PLANT—G. W. Blabon Co., 21st and Hunting Park Aves., 4 story and basement, 30 x 90 ft., rein.-con. and brick, plain foundation, to M. Steele & Sons Co., 219 North Broad St., Phila.

Pa., Pittsburgh — PLANT — Pittsburgh Piping & Equipment Co., 35th and Charlotte Sts., general contract 1 story 120 x 300 ft., 80 x 150 ft. and 50 x 220 ft. plant, 43rd and Charlotte Sts., to McClintic Marshall Co., Oliver Bldg. Noted Apr. 9.

La., New Orleans — WAREHOUSE — Liberty Oil Co., 518 St. Charles St., 1 story, steel and timber, Venus and Rocheblave Sts., to H. W. Bond & Bros., 1019 Constantinople St., $48,482. Noted Jan. 8.

La., Shreveport — PLANT — Louisiana Refrigerated Products Corp., 1109-1121 Spring St., will build 2 story, rein.-con. and brick addition to Plant 2, 2465 Texas Rd., by day labor. $60,000.

O., Dover—FOUNDRY—See "Proposed Work."

Ind., Indianapolis—FACTORY—Standard Sanitary Mfg. Co., Bessemer Bldg., Pittsburgh, Pa., general contract 2 story and basement, 160 x 300 ft., Pratt and Senate Sts., to Thompson Binger Co., Inc. Archts. est. $160,000. Noted June 26.

Wis., Milwaukee—FACTORY—A. Weinbrenner Co., 66 Juneau Ave., 3 story, 57 x 164 ft., and 19 x 57 ft. factory, also 20

Buildings—Industrial (Continued)

x 28 ft. boiler house, both brick and timber, plain foundation, Richards St., to P. Riesens Sons., 1018 Humboldt Ave. Engrs. est. $75,000.

Wis., Sturgeon Bay — CANNERY — Reynolds Preserving Co., 2 story, 40 x 100 ft. and 40 x 40 ft. cannery, also 20 x 40 ft. boiler house, both brick and timber, plain foundation, here, to Default & Hirsch, Sturgeon Bay. Archts. est. $50,000.

Wis., Two Rivers — MANUFACTURING —Kahlenberg, Bros. Co., 1 story, 85 x 105 ft., brick and steel addition, plain foundation, to W. W. Oeflein, 86 Michigan St., Milwaukee. Engrs. est. $50,000. Noted Mar. 19.

Ia., Des Moines—FACTORY—Northland Milk & Ice Cream Co., 11 West 28th St., Minneapolis, Minn., 2 story and basement ice cream factory, brick, here, to W. F. Kuchars, 622 Hubbell Bldg. Archts. est. $50,000. Noted Jan. 8.

Minn., Hibbing—PLANT—R. Regan, chn. Power Bd., 40 ft., brick and concrete addition to power house, etc., to Phelps-Drake Co., Hibbing, $289,000. Owner's name withheld. Noted Mar. 5.

Minn., St. Paul—FACTORY and STORE —Griggs, Cooper & Co., Bway. and 3rd St., general contract 4 story and basement, 120 x 280 ft., rein.-con., brick, tile and stone, Fairview and University Aves., to C. Skooglun, 502 Ryan Bldg. Archts. total est. approximately $500,000. Noted Dec. 25.

Mo., Kansas — STEEL MILL — Kansas City Bolt & Nut Co., W. L. Allen, pres., Independence and Winchester Sts., three cast steel rolling mill additions on foundations already constructed, to United Eng. Fdry. Co., Farmers Bldg., Pittsburgh, Pa., $150,000.

Tex., Ft. Worth — OIL REFINERY — Transcontinental Oil Co., A. J. Slagter, genl. supt., Equity Bldg., Muskogee, Okla., will build oil refinery, incl. 14 new filters, extension to barreling and compounding plant, continuous treating system, new clay burner buildings, etc., here, by day labor.

Tex., Houston—FOUNDRY—Lloyd Metal Co., 1320 Carr St., will build 1 story, 50 x 100 ft. steel foundry, by day labor. A. Delisle, 1908 Drew Ave., archt.

Okla., Bristow—REFINERY—Transcontinental Oil Co., Equity Bldg., Muskogee, A. J. Slagter, supt., will build refinery, incl. treating system, 4 additional 10 x 30 pressure stills, additional rundown and bleacher tanks, etc., here, by day labor.

Ont., Kagawong—MILL—Little Rapids Pulp Co., Kaukauna, Wis., 2 story and basement, stone, concrete and steel pulp mill, on Monitoulin Island, here, to W. E. Ule, Stevens Point, Wis. Archts. est. $200,000.

Ont., Toronto — FACTORY — Dominion Envelope & Carton Co., Ltd., 150 Duchess St., general contract 3 story and basement, rein-con. addition, to Toms Contg. Co., 47 Duggan Ave., reinforcing steel, to Trussed Concrete Steel Co., 34 King St. W. Total est. $150,000.

Buildings—Commercial

PROPOSED WORK

N. H., Concord — DORMITORY — New Hampshire State Hospital having plans prepared by C. R. Whitcher, 814 Elm St., Manchester, 3 story and basement, 40 x 100 ft., rein.-con., brick and steel, plain foundation, hospital grounds. $150,000.

Mass., Boston — APARTMENT — Roosevelt Inc., F. E. Johnson, treas., 209 Washington St., having plans prepared by R. H. Doane, 162 Newbury St., 5 story and basement, 15,000 sq.ft. floor space, rein.-con., brick and steel, plain foundation, Huntington Ave. and Forsyth St., Back Bay Dist. To exceed $150,000.

Mass., Boston—APARTMENT—Eighty-one Beacon St., Inc., c/o J. D. Leland Co., 41 Mt. Vernon St., having plans prepared 7 story and basement, 4,000 sq.ft. floor space, brick and granite, plain foundation. $250,000.

Mass., Boston—STATION—Transit Dept., 1 Beacon St., having sketches made altering subway station, at Scollay Sq. E. R. Springer, 1 Beacon St., engr. $150,000.

Mass., Boston — STORE and OFFICE — A. Carbone, c/o Mowll & Rand, archts., 21 School St., having preliminary plans prepared 6 story and basement, rein.-con. and brick, Province St.

Mass., Braintree — BANK — Braintree Savings Bank, G. H. Sampson, chn., having sketches made by J. B. Beal Sons Co., 185 Devonshire St., Boston, 2 story and basement, brick, Washington and Summer Sts. $150,000.

Mass., Brockton — OFFICE — Brockton Gas Light Co., rejected bids 4 story and basement, brick and limestone plant addition. $150,000. Hutchins & French, 11 Beacon St., Boston, archts. Noted Apr. 2.

Mass., Brookline (Boston P. O.) — APARTMENT—Missell & Sherr, 27 School St., Boston, plans 4 or more story, brick, Park St. $150,000 or more. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.)—BANK and OFFICE—Central Trust Co. plans bank and office building 513 Massachusetts Ave. $750,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.)—ELKS HOME—Cambridge Lodge of Elks, c/o C. R. Greco, archt., 11 Beacon St., Boston, having plans prepared 2 story, brick and stone, Green St., here. To exceed $150,000.

Mass., Cambridge (Boston P. O.)—STATION—Commonwealth of Massachusetts, 1 Beacon St., Boston, and Boston Electric Ry. Co., Park Sq. Bldg., Boston, having sketches made altering tunnel station at Harvard Sq., here. To exceed $150,000. E. R. Springer, 1 Beacon St., Boston, engr.

Mass., Cambridge — STORES and GARAGE—B. Goldfine, 11 Beacon St., plans brick store and garage, 1815 Massachusetts Ave. $150,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.) — STORE and OFFICE—Albiani Lunch Co., 150 High St., Boston, having plans prepared by W. W. Drummey, 80 Boylston St., Boston, 2 story and basement, 76 x 140 ft., brick and stone, plain foundation, 552-560 Massachusetts Ave., here. $170,000.

Mass., Cambridge (Boston P. O.) — STORE and GARAGE—B. Goldfine, 11 Beacon St., Boston, plans 1 and 2 story and basement, rein.-con. and brick, Massachusetts Ave. and Roseland St. $150,000. Engineer and architect not selected. Noted Apr. 16.

Mass., East Boston (Boston P. O.)—HOSPITAL—City of Boston, G. R. White Fund Trustees, City Hall, having preliminary plans prepared by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, 2 story and basement, brick and limestone, Paris and Emmons Sts., here. $230,000.

Mass., Lexington—STORE and OFFICE —Owner, c/o Mowll & Rand, archts., 21 School St., Boston, having sketches made 2 story and basement, 60 x 120 ft., brick, Massachusetts Ave. and Waltham St. $150,000.

Mass., Lowell—CLUB—Y. M. C. U., c/o Immaculate Conception Parish, L. J. Tighe pastor, having revised plans prepared by H. L. Rouke, Hildreth Bldg., 3 story and basement, 55 x 110 ft., brick and stone, plain foundation, Brown and Stackpole Sts. $150,000.

Mass, Malden — THEATRE — Ramsdell Bros., Ellenberg & F. Green, Orpheum Theatre, having sketches made by Mowll & Rand, 21 School St., Boston, 1 and 2 story and basement, 130 x 180 ft., rein.-con., brick and steel, plain foundation. Dartmouth and Pleasant Sts. $400,000. Noted Apr. 2.

Mass., Newton (Boston P. O.)—LIBRARY—City, E. C. Childs, mayor, plans 2 story library, Auburndale Sect. $150,000. Engineer and architect not selected.

Mass., Quincy (Boston P. O.) — HOSPITAL — City, C. A. Price, chn. building comn., plans hospital. $150,000. Engineer and architect not selected.

Mass., Roxbury (Boston P. O.)—HOME —Mount Pleasant Home, F. W. Davis, chn. building com., 59 Elm Hill Ave., having preliminary plans prepared by A. H. Bowditch, 44 Bromfield St., Boston, 3 story and basement, brick and limestone, South Huntington Ave., here. To exceed $150,000.

R. I., Providence — HOME — Swedish Workingman's Assn., Pine St., c/o Clark & Howe, archts., Turks Head Bldg., having plans prepared 3 story and basement, rein.-con., and brick, Pine and Chestnut Sts. $150,000.

R. I., Providence — HOSPITAL—Miriam Hospital Corp., c/o Kendall, Taylor & Co., 142 Berkley St., Boston, Mass., having preliminary plans prepared 4 story and basement, brick and stone, plain foundation, Parade St. $200,000.

Conn., Derby — THEATRE — S. Malm, Inc., 220 Bway., New York City, having plans prepared by Starrett & Van Vleck, 8 West 40th St., New York City, 2 story, 65 x 90 ft., and 100 x 120 ft., brick and stone theatre. $225,000.

Conn., New Britain — STORE and OFFICE—P. F. MacDonough, 338 Main St., G. Lewitt, 299 Main St., and W. J. Farley, 36 Allen St., plan 2 story, 48 x 190 ft. store and office building, 283 Main St. $150,000. W. T. Grant Co., 28 West 23rd St., New York City, lessee.

Conn., New Haven — APARTMENT — Irene, John & Edward Cooney, c/o J. A. Julianelle, archt., 59 Asylum St., having preliminary plans prepared, 6 story, 48 x 50 ft., brick and steel, High St. $150,000 or more.

Conn., New Haven—BANK—New Haven Savings Bank, 170 Orange St., having plans prepared by Norton & Townsend, 839 Chapel St., 3 story and basement, brick and steel, Orange and Hope Sts. $150,000 or more.

Conn., New London — HOTEL—Crocker House, B. F. Mahan Estate, F. V. Chapell, trustee, having preliminary plans prepared rebuilding 5 story and basement, brick and steel, State St., recently destroyed by fire. To exceed $150,000. Engineer and architect not selected.

N. Y., Buffalo—TERMINAL—Cleveland —Buffalo Transit Co., lake front and East 9th St., Cleveland, O., made plans constructing terminal, pier, warehouse, waiting rooms, offices, etc., foot of Erie St., here. To exceed $1,000,000. G. A. Bomn, genl. mgr.

N. Y., New York—APARTMENT—S. F. Oppenheim, archt. and engr., 110 East 31st St., preparing plans 5 story, 100 x 100 ft., brick, steel and stone, plain foundation, East 182nd St. $150,000. Owners name withheld.

N. Y., New York—APARTMENT—Phipps Estate, c/o G. F. Pelham, archt. and engr., 200 West 72nd St., having plans prepared 15 story, brick, steel and stone, plain foundation, Madison Ave. and 69th St. $1,000,000.

N. Y., New York—HOME—Amer. Assn. for Blind, 71 East 2nd St., having plans prepared by J. Fisher, 25 Ave. A, brick, steel and store, plain foundation. $250,000.

N. Y., New York—NURSES HOME—Mt. Sinai Hospital, 5th Ave. and 100th St., soon takes bids 15 story, brick, steel and stone, plain foundation, 98th St. near Madison Ave. $1,500,000. R. D. Kohn, 56 West 45th St., archt. and engr.

Pa., Pittsburgh — Y. M. C. A., Magee Bldg., having preliminary plans prepared by R. M. Trimble, Ferguson Bldg., 4½ story and basement, 60 x 170 ft., brick and steel, North Ave. and Monterey St. $250,000.

N. C., Durham—THEATRE—City soon takes bids 3 story, 70 x 120 ft., terra cotta and stone theatre. Milburn-Heister Co., Durham, archts.

Fla., Ft. Lauderdale—OFFICE—Broward Co. Realty Bd., H. C. Jelks, chn., having plans prepared by J. M. Peterman, Ft. Lauderdale, 10 story, 50 x 130 ft. office building, North Andrews Ave. $250,000.

Fla., Hollywood—HOTEL—J. W. Young & Associates having plans prepared by E. O. Hunter of Rubuch & Hunter, 430 Amer. Central Life Bldg., Indianapolis, Ind., for hotel.

Fla., Lakeland—OFFICE—E. J. Sparks, Lakeland and Atlanta, Ga., having plans prepared by R. A. Benjamin, Lakeland, "The Marble Arcade," 10 story, 50 x 122 ft., Lemon and Kentucky Sts. $400,000.

Fla., St. Petersburg—HOTEL—N. Dennis, plans 8 story, 50 x 100 ft. hotel, 3268 1st Ave. N. $250,000.

Miss., Biloxi — HOTEL — C. E. Matthes, archt., Biloxi, preparing preliminary plans 3 story, 72 room, etc., steel and stucco addition to Hotel Buena Vista, $150,000 plus.

La., New Orleans — WAREHOUSE — R. DeBuys, archt., Hibernia Bank Bldg., soon takes bids 2 story, 80 x 80 ft. concrete, brick and frame addition to warehouse, with 80 x 80 ft. landing platform, North Rendon and Gravier Sts. for Cumberland Telephone & Telegraph Co.

La., Shreveport—APARTMENT HOTEL —L. P. Florida, E. K. Ligrett, et al, Memphis, Tenn., having plans prepared by Wittenberg, Delaney & Watts, Southern Trust Bldg., Little Rock, Ark., 7 story and basement, rein.-con., brick and terra cotta, Elizabeth St. and Margaret Pl., here. $550,000.

Tenn., Jackson—COURT HOUSE—Madison Co. Court plans court house. State authorized an issue of $250,000 bonds.

O., Akron—AUDITORIUM and THEATRE—Summit Co., c/o J. B. Hannan, pres., 207 Pythian Temple Bldg., having plans prepared by Ridley & Glazier, Federal Oil & Gas Bldg., 3 story, 140 x 350 ft. brick, steel and concrete auditorium and theatre building. $400,000. Noted Jan. 29.

O., Cleveland — APARTMENT — J. Narosny, 13,407 3rd Ave., having plans prepared by L. R. Walker, 1900 Euclid Bldg., 4 story and basement, 80 x 164 ft., brick, 2058 East 83rd St. $250,000.

O., Cleveland—HOTEL—Syndicate, c/o O. D. Eshelman, 930 Williamson Bldg., having preliminary plans prepared by G. A. Ebelling, Hunkin-Conkey Bldg., 10 story, brick, steel and concrete, 3844 Euclid Ave. $750,000.

O., Lima—BANK—Old Natl. Bank, Main and High Sts., plans 12 story, 50 x 87 ft., brick, steel and concrete near site of present structure. $350,000.

O., Youngstown — THEATRE — Warner Bros., 5842 Sunset St., Los Angeles, Calif., plans theatre, Federal St., here. $1,000,000.

Buildings—Commercial (Continued)

Ind., Ft. Wayne—OFFICE—H. Baum, 135 East Columbia St., having plans prepared by A. M. Strauss, Tri-State Bank, 4 story and basement, 20 x 60 x 150 ft., rein.-con. and brick, Wayne St. $200,000.

Ind., Indianapolis — HOTEL — Reily Realty Co., Fletcher Savings & Trust Bldg., having plans prepared by R. F. Daggett, Continental Bank Bldg., 6 story and basement, brick and steel, North Capitol St. $300,000.

Ind., Indianapolis — OFFICE — T. A. Maynohan, Ambassador Apartments, having plans prepared by A. Fleck, Columbia Securities Bldg., 8 story and basement, 67 x 165 ft., brick and steel, Delaware St. $500,000.

Mich., Detroit—HOSPITAL—Pub. Welfare Comn., Clinton and Raynor Sts., having revised plans prepared by Carey & Esselstyn, 2539 Woodward Ave., 9 story, rein.-con., brick, steel and stone, plain foundation, Clinton St. $900,000.

Mich., Iron Mountain — THEATRE, STORES and HOTEL — Iron Mountain Hotel Co., c/o E. B. Bergendahl & Co., archts., 155 North Clark St., Chicago, Ill., having plans prepared 6 story and basement, 125 x 128 ft., concrete and brick, foundation. $650,000.

Ill., Aurora — HOSPITAL — Mercyville Sanitarium, Sister Mary Cornelia, St. Marys Hospital, having plans prepared by G. Morris, Elgin, 2 story and basement, 184 x 225 ft., rein.-con., brick and stone, plain foundation. $250,000.

Ill., Champaign—APARTMENT—R. E. Little having plans prepared by G. A. Ramey, Champaign, 3 story and basement, 42 x 114 ft., rein.-con., brick and stone, plain foundation. $175,000. F. L. Randall, 160 North LaSalle St., Chicago, engr.

Ill., Chicago — APARTMENT — I. Perlman, 6659 Blackstone Ave., plans 3 story and basement, 70 x 125 ft., rein.-con., brick, stone and terra cotta, plain foundation, 6400 Kedzie St. $250,000. Engineer and architect not selected.

Ill., Chicago—APARTMENT—C. Ringer, 7251 Crandon Ave., plans 3 story and basement, 147 x 167 ft. apartment building, 7900 Saginaw St. $300,000. Engineer and architect not selected.

Ill., Chicago—APARTMENT—D. Schetnitz, c/o F. H. Bartlett Co., 69 West Washington St., plans 7 story and basement, 131 x 178 ft. apartment, 61 East Goethe St. $1,000,000. Engineer and architect not selected.

Ill., Chicago—APARTMENTS—Plotke & Grosby, 111 West Washington St., having plans prepared by A. Teisen, 4804 North Kedzie Ave., 3 story and basement, 125 x 132 ft. apartment, 1900 Lawrence Ave., $220,000; and three 3 story and basement apartments, 100 x 125 ft. each, one on Lawrence St. west of Lincoln Ave., one 4800 Lincoln Ave. and other 4815 Lincoln Ave., $150,000 each, all rein.-con., brick and stone, plain foundations.

Ill., Chicago—OFFICE—P. Lesman, 14 South Wells St., having sketches made by A. L. Alschuler, 28 East Jackson Blvd., 3 story and basement, 75 x 125 ft., Lincoln St. $200,000.

Ill., Peoria—APARTMENT—Gray Constr. Co., 116 Fayette St., having plans prepared by B. F. Hulsebus, 1232 Jefferson Bldg., 3 story and basement, 92 x 162 ft., brick and stone, plain foundation, 916-20 Hamilton Blvd. $250,000.

Wis., Appleton — THEATRE and BUSINESS — W. Schroeder, 86 Michigan St., Milwaukee, plans brick, terra cotta and concrete theatre, plain foundation, here. $350,000. Engineer and architect not selected.

Wis., Beloit — EXCHANGE — Wisconsin Telephone Co., 418 Bway., Milwaukee, plans 3 story and basement, brick and concrete addition, plain foundation, Grand Ave., here. $150,000. Engineer and architect not selected.

Wis., Madison — GARAGE — Madison Buick Co., 16 East Doty St., plans rebuilding 2 story, 100 x 200 ft., rein.-con., brick and steel, plain foundation, Wilson St., recently destroyed by fire. $150,000. Engineer and architect not selected.

Wis., Madison—GARAGE—J. Peterson, 102 South Orchard St., having plans prepared 2 story and basement, 66 x 132 ft., rein.-con., brick and steel garage and repair shop, Fairchild St. $200,000. Private plans.

Wis., Madison — THEATRE — Beecroft Building Co., W. G. Beecroft, 6 West Mifflin St., pres., plans 1 story, rein.-con., brick and steel theatre, plain foundation. $750,000. Engineer and architect not selected.

Wis., Milwaukee—APARTMENT—G. W. and O. Adams, 114 Grand Ave., having plans prepared by R. Razall, Cass and Martin Sts., 3 story and basement, brick and concrete, plain foundation, Prospect Ave. $275,000.

Wis., Milwaukee—APARTMENT—I. H. Benesch Co., 513 Van Buren St., having plans prepared by C. J. Keller & Son, 432 Bway., 3 story, brick and tile, plain foundation, 15th St. $150,000.

Ia., Ames—HOTEL—P. Sheldon, Story County Trust & Savings Bank, plans 4 story and basement, 100 x 103 ft., rein.-con., steel and stone addition. $150,000. Engineer and architect not selected.

Minn., Minneapolis — STORE — National Tea Co., O. H. Landin, mgr. 1224 Quincy St., having plans prepared by Newstrom-Lindquist Co., 810 Lumber Exch., 2 story and basement, brick and timber, 3rd Ave. S and 29th St. $150,000.

Kan., Leavenworth—HOSPITAL—Cushing Hospital Assn. having preliminary plans prepared by Keene & Simpson, 1005 Land Bank Bldg., Kansas City, Mo., 50 bed hospital. $200,000.

Mo., Kansas City — APARTMENT HOTEL—C. O. Jones, 402 Continental Bldg., having plans prepared by P. T. Drotts, 300 Reliance Bldg., two 7 story and basement, 61 x 70 ft., brick and terra cotta, one on Armour and Campbell Sts., and other adjoining Armour and Campbell corner. $150,000 each.

Mo., Kansas City—APARTMENT—J. H. Wood, 335 North Van Brunt Blvd., having plans prepared by George Fuller Green, 429 Rialto Bldg., 5 story and basement, 50 x 125 ft., rein.-con., plain foundation, 1509 Wyandotte St. $250,000.

Mo., Kansas City — APARTMENT — Kansas City Building Co., 319 Ridge Bldg., having plans prepared by W. A. Beseke, 1704 Baltimore Ave., three 4 story and basement each 50 x 110 ft., rein.-con., plain foundations, one at 909 East 30th St., one at 913 East 30th St., and other 30th and Campbell Sts. $170,000 each.

Mo., Kansas City—HOTELS—G. H. McCanles, Victor Bldg., having plans prepared by E. C. Faris, 3840 Main St., 6 story and basement, 42 x 158 ft. hotel, 39th and Baltimore Sts., $440,000; 4 story and basement, 42 x 158 ft. apartment hotel, 112 West 39th St., $320,000; and 4 story and basement, 42 x 158 ft. apartment hotel, 106 West 39th St., $320,000, all rein.-con., plain foundations.

Mo., Kansas City — HOTEL — Jewell Realty Co., Chambers Bldg., having revised plans prepared by H. A. Drake, 315 Reliance Bldg., 10 story and 2 basements, 52 x 130 ft., concrete, brick, plain foundation, 13th and Wyandotte Sts. $400,000.

Mo., St. Paul—THEATRE and STORE — A. A. Gralnick, 5750 Pershing Ave., having preliminary plans prepared 3 story, 106 x 123 ft., rein.-con., brick and stone, Jefferson and Market Sts.

Tex., Dallas — APARTMENT — E. E. Parkhurst, Adolphus Hotel and 207 Southwestern Life Bldg., having plans prepared by Young & Young, 207 Southwestern Life Bldg., 10 story and basement, 40 x 350 ft., L shaped, brick, stone and rein.-con., between Maple Ave. and Fairmount St. $1,250,000.

Tex., Dallas — APARTMENT — R. A. Nelson Co., 805 South Western Life Bldg., having plans prepared by H. C. Knight & A. E. Thomas, 330 Wilson Bldg., 14 story and basement, 80 x 170 ft. with light court in front, 45 x 100 ft., rein.-con., brick and stone, Oak Lawn Ave. and Hall St. $1,500,000.

Tex., El Paso — BUSINESS — Electric Railway Co. having plans prepared by Lehnmann & Wuehrmann, Two Republics Bldg., and soon takes bids 3 story and basement, brick and concrete, plain foundation. $200,000.

Tex., Laredo — OFFICE — A. M. Bruni, takes bids after May 15, 6 story and basement, rein.-con., brick and stone, plain foundation, Lincoln-Flores. $150,000. Private plans. Noted Jan. 15.

Tex., San Antonio—APARTMENT—J. L. Hart, Gunter Bldg., T. E. Altgelt, Frost Natl. Bank Bldg., and A. Seeligson, 115 East Ashby St., et al., purchased site and plan 4 or more stories and part basement, rein.-con., brick and stone, plain foundation, Lexington and Oakland Sts. $150,000.

Okla., Clinton—HOTEL—J. C. Iback, Ponca City, having preliminary plans prepared by C. Woodruff, Reynolds Bldg., Ft. Worth, Tex., 4 story and basement, 50 x 150 ft., rein.-con. and brick, plain foundation, Modelle St., here. $160,000. B. M. Hart, City Hall, engr.

Okla., Eufaula — COURT HOUSE — McIntosh Co. having preliminary plans prepared by Tonini & Bramlett, Terminal Bldg., Oklahoma City, 2 story and basement, 80 x 145 ft., rein.-con. and brick, plain foundation, Main St. $160,000.

Okla., Oklahoma City—OFFICE—Oklahoma Savings & Loan Assn., Amer. Natl. Bank Bldg., having preliminary plans prepared by Hawk & Parr, 720 North Bway., 8 story and basement, rein.-con., brick, stone and steel office building. $300,000.

Okla., Ponca City—HOSPITAL—Chamber of Commerce, J. S. Alcorn, chn., having plans prepared by Schmidt, Garden & Martin, 104 South Michigan Ave., Chicago, for hospital building. $250,000.

Colo., Denver—BANK and OFFICE—Midland Savings & Loan Co., 17th and California Sts., having plans prepared by Fisher & Fisher, U. S. Natl. Bank Bldg., 10 story, 50 x 125 ft. bank and office building, 17th and Glenarm Sts. $750,000.

Colo., Denver—CLUB—Denver Athletic Club, 1325 Glenarm St., had plans prepared by R. Weiger, Chamber of Commerce Bldg., remodeling and constructing 5 story, 57 x 100 ft., brick, stone and steel addition, Glenarm St. Between 13th and 14th Sts., $300,000. Noted July 31.

Ore., Portland — STORE — A. E. Doyle, archt., Worcester Bldg., preparing plans and takes bids about May 9, 3 story, 100 x 100 ft., concrete and steel top addition, 6th and Alder Sts., for Meier & Frank Co., 6th and Alder Sts. $500,000. T. Ronneberg, Crocker Bldg., San Francisco, Calif., engr.

Calif., Los Angeles—CLUB—Screen Arts Club, 6107 Franklin Ave., plans Class A club-house, North Commonwealth Ave. To exceed $300,000.

Calif., Los Angeles — STORE and OFFICE — Interests represented by J. A. Walt, Lane-Mortgage Bldg., plans approximately 6 story and basement, 185 x 217 ft., Class A, Loomis and 6th Sts. To exceed $350,000.

Calif., Modesto—STORE and OFFICE—Hubbert & Weiland Bros., archts., Russ Bldg., San Francisco, prepared plans 3 story and basement, brick 11th and J Sts. $155,000. Owner's name withheld.

Calif., Oakland — APARTMENT and STORE — B. G. McDougall, archt., 393 Sacramento St., San Francisco, preparing plans 2 story, timber and stucco apartment and store in Borax Smith Tract. $150,000. Owner's name withheld.

Calif., Richmond — HOTEL — J. W. Plachek, archt., Mercantile Bank Bldg., Berkeley, preparing preliminary plans Class "A" hotel, Nevin and 10th Sts. $150,000 or more. Owners name withheld.

Calif., San Diego—CLUB—San Diego Athletic Club having preliminary plans prepared by Walker & Eisen, Great Republic Life Bldg., Los Angeles, 8 story and basement, rein.-con., A and 6th Sts. To exceed $350,000.

Calif., San Francisco — GARAGE — H. Lesser, et al, 58 2nd St., having plans prepared by Ashley & Evers, 58 Sutter St., 4 story and basement, 4th St. near Market St. $250,000.

Calif., Stockton—OFFICE and STORE—Group of San Francisco capitalists had preliminary plans prepared by F. T. Mayo, 21 South San Joaquin St., approximately 12 story and basement, brick and steel or rein.-con. office and store building, here. $650,000.

Ont., Haileybury—HOTEL—G. A. Bagshaw soon takes bids new hotel, Ferguson Ave. $150,000.

Ont., Kingston — HOSPITAL — Kingston General Hospital plans alterations and additions to hospital. $175,000. Engineer and architect not selected.

Ont., Toronto — CLUBHOUSE — University Club of Toronto, 82 King St. W., plans rein.-con., brick and steel, plain foundation. $175,000. Engineer and architect not selected.

Ont., Walkerville—WAREHOUSE—Berry Bros., Inc., plans rebuilding concrete and brick warehouse, recently destroyed by fire. $150,000. F. L. Colby, pres. Private plans.

BIDS DESIRED

Mass., Boston—CLUB HOUSE—F. H. Lahey et al., c/o E. M. Parsons & Co., archts., 1 Beacon St., taking bids 3 story and basement, brick and stone, plain foundation, Commonwealth Ave. and Sherborn St. $150,000.

Mass., Brookline (Boston P. O.) — APARTMENT—A. W. Blake, c/o Richardson, Barrett & Richardson, archts., 8 Beacon St., Boston, taking bids 4 story and

Buildings—Commercial (Continued)

basement, brick and stone, plain foundation, Cypress St. $150,000.

Conn., East Hartford (Hartford P. O.)—FACTORY, OFFICE and STORAGE—Williams & Carleton, 206 State St., taking bids 3 story and basement, 50 x 150 ft., brick and steel, plain foundation, East Hartford Blvd. $150,000. Greenwood & Noerr, 847 Main St., Hartford, engrs. and archts.

Conn., Hartford — TEMPLE — Labor Assn., c/o J. F. Rutledge, archt., 70 Harold St., taking bids 3 story, 50 x 200 ft., brick and steel, Park St. $200,000.

N. Y., Thiells — ADMINISTRATION, ETC.—May 14, by Supt. Purchase, Room 106, Capitol, Albany, constructing administration building, officers cottages, A and B, dining room and kitchen, Letchworth Village, here. S. W. Jones, Albany, state archt.; adv. E. N.-R. Apr. 23.

N. J., Asyla (mail Grenloch)—HOSPITAL—May 11, by Bd. Freeholders Camden Co., Court House, Camden, 3½ story, 35 x 338 ft. insane building, 2½ story, 34 x 133 ft., and 26 x 62 ft. infirmary, 1 story, 30 x 40 ft. kitchen, three 6 x 50 ft. connecting corridors, 2½ story and basement, 35 x 136 ft. isolation building, and 2½ story and basement, 34 x 151 ft. nurses' home, all rein.-con. and brick. W. W. Sharpley, 225 Washington Sq., Phila., Pa., archt. Noted Feb. 5.

N. J., Clinton—COTTAGES—May 1, by Bd. Institutions and Agencies, Trenton, 2 story, maternity cottage, and 2 cottages for inmates at State Reformatory for Women, here. $150,000. A. B. Mills, State Office Bldg., Trenton, archt.

Pa., Phila.—FIRE HEADQUARTERS—Apr. 24, Dept. Pub. Safety, City Hall, 3 story and basement, 108 x 138 ft., rein.-con., brick and steel, plain foundation, 1328 Race St. $275,000. J. Molitor, Bankers Trust Bldg., city archt. Noted Apr. 26.

Pa., Phila.—HOTEL—W. E. Adams, c/o Stuckert Co., archts., Crozer Bldg., will build 12 story and basement, 33 x 130 ft., rein.-con. and granite, plain foundation, 219 South Broad St. $400,000. Work will be done by separate contracts.

Pa., Scranton—GARAGE—Apr. 27, by L. M. Davis, archt., 616 Spruce St., 4 story and basement, 120 x 160 ft., rein.-con. and brick, plain foundation, Lackawanna Ave., for P. J. Casey, Hotel Casey. $225,000.

Pa., York—Apr. 24, by Y. M. C. A., P. A. Elesessor, chn. Building Com., 5 story and basement, concrete and brick, plain foundation. $175,000. E. Leber, Hay Bldg., archt. Thomas, Martin & Kirkpatrick, Cunard Bldg., Phila., associated archts.

Md., Baltimore—HOSPITAL—Apr. 27, by J. E. Sperry, archt., Calvert Bldg., 7 story and basement, 155 x 176 ft., brick and steel, plain foundation, Monument and Rutland Aves., for Hebrew Hospital & Asylum Assn., Monument and Rutland Aves. $800,000. H. F. Doeleman, 507 North Charles St., engr.

N. C., Hickory — HOTEL — May 6, by Hickory Hotel Co., 8 story and basement, fireproof hotel. $300,000.

O., Columbus — OFFICE — Apr. 29, by Snyder, Babbitt & Matthews, archts., 16 East Broad St., 12 story and basement, 75 x 100 ft., rein.-con. and brick addition, 21 South High St., for Huntington Natl. Bank. $400,000.

O., Dayton—OFFICE—May 5, by Schenk & Williams, archts., Mutual Home Bldg., 12 story, 60 x 100 ft., rein.-con. and brick top addition, Main St., for 3rd Natl. Bank, Main St. $1,000,000.

Ill., Chicago—APARTMENT—Ersenteen & Trushinsky, 3541 West 12th Pl., taking bids 3 story and basement, 85 x 95 ft., rein.-con., brick and stone, plain foundation, 1217 Independence Blvd. $200,000. Dubin & Eisenberg, 14 West Washington St., archts.

Ill., Chicago—APARTMENT—J. Jensen, archt., 1105 Lawrence Ave., taking bids 3 story and basement, 112 x 125 ft., rein.-con., brick and stone, plain foundation, 4000 Melrose St., for J. L. Guyon, 124 North Crawford Ave. $150,000.

Ill., Chicago — APARTMENT — C. F. Henry, 7455 Greenview Ave., taking bids 5 story and basement, 116 x 120 ft., rein.-con., brick, steel and stone, caisson foundation, at Lake on Ainslie St. $650,000. R. France, 155 North Clark St., archt.

Ill., Chicago—APARTMENT—Silverman & Smith, 74 West Washington St., taking bids 3 story and basement, 106 x 132 ft., rein.-con., brick and stone, plain foundation, 7900 Aberdeen St. $200,000. Dubin & Eisenberg, 14 West Washington St., archts.

Ill., Peoria—HOSPITAL—Methodist Hospital of Central Illinois, 221 North Glen Oak St., taking bids 6 story and basement, 80 x 130 ft., rein.-con., brick and stone hospital $350,000. B. L. Hulsebus, 1232 Jefferson Bldg., archt. Noted Jan. 8.

Ill., Rockford — BANK and OFFICE — Peterson & Johnson, archts., Swedish-Amer. Bank Bldg., taking bids 8 story and basement, 46 x 116 ft., rein.-con., brick, steel and stone, plain foundation, for Manufacturers Natl. Bank, 327 East State St. $500,000. Structural steel for above awarded to J. C. Theilacker, 5924 Washington Blvd., Milwaukee, Wis.

Wis., Milwaukee—HOTEL—M. Tullgren & Sons, archts., 425 East Water St., taking bids 8 story and basement, 120 x 124 ft., brick and concrete addition, plain foundation, Juneau Ave., for Hotel Astor Co., Juneau and Marshall St. $750,000. Noted Apr. 2.

Wis., Milwaukee—STORAGE—Apr. 27, by G. S. Kingsley, archt., 109 North Dearborn St., Chicago, Ill., 6 story and basement, 119 x 150 x 223 ft., brick and concrete, plain foundation, Prospect Ave., for Coakley Bros., 41 2nd St. $225,000.

Mo., St. Louis—THEATRE and OFFICE—Apr. 27, by Skouras Bros. Enterprises, c/o Grand Central Bldg., 22 story and basement, 127 x 165 ft., rein.-con., brick, stone, steel and terra cotta, 7th and Locust Sts. $2,300,000. C. W. and G. L. Rapp, 190 North State St., Chicago, Ill., archts.

Okla., Walters—COURT HOUSE—June 2, by R. E. Montgomery, clk. Cotton Co., 2 story and basement, 86 x 146 ft., concrete and brick, plain foundation. $160,000. Tonini & Bramlett, Terminal Bldg., Oklahoma City, engrs. Noted Feb. 19.

Calif., Los Angeles—HOTEL—Ritz Hotel taking bids 4 story, 50 x 180 ft., rein.-con. addition, 817-821 South Flower St. $175,000. L. A. Smith, 3rd St. and Western Ave., archt.

BIDS RECEIVED

Mass., Boston — HOSPITAL — Hospital Dept., J. Manning, pres., 9 story and basement, brick, limestone and granite, plain foundation, Albany and East Concord Sts., from J. Bowen Co., 184 Dudley St., Roxbury, $584,187. Noted Mar. 26.

N. Y., Long Island City — STATION HOUSE and GARAGE—Police Dept., Apr. 14, constructing 116th Precinct Police Station and garage, Catalpa Ave. and Chaffee St., from Eastern Constr. Co., 110 West 40th St., New York City, $140,140.

CONTRACTS AWARDED

Me., Rumford—HOSPITAL—Community Hospital Assn., 2 story and basement, 35 x 156 ft., brick and stone hospital, to F. A. Rumery, 537 Congress St., Portland. Archts. est. $150,000. Noted Apr. 9.

Mass., Attleboro—BANK and OFFICE—Attleboro Savings & Loan Assn., 3 story and basement, brick, stone and steel addition, to W. Coulson, 1 Hayward St., Cambridge. Archts. est. $150,000.

Mass., Boston — BANK and OFFICE — National City Co., 10 State St., altering 5 story and basement, rein.-con. and stone, 30 Congress St., to G. W. Smith, 67 Hewlett St., Rosindale. Archts. est. $150,000.

Mass., Boston—STORE and OFFICE—A. F. Goodman, c/o Little & Russell, archts., 45 Bromfield St., 6 story and basement, brick and stone, 154-156 Boylston St., to W. H. Whitcomb Constr. Co., 6 Beacon St. Archts. est. $150,000. Noted Mar. 5.

Mass., Boston—STORE and OFFICE—Owner, c/o Strickland, Blodgett & Law, archts., 26 Pemberton Sq., altering and constructing 5 story and basement, brick and stone addition, 20-24 Newbury St., to Chase & Gilbert, 220 Devonshire St. Archts. est. $150,000. Noted Mar. 5.

Mass., Boston—STUDIO—M. A. Cohen, 20 Pemberton Sq., 4 story and basement, brick and stone, plain foundation, 80 Charles St., to P. H. Rose, 33 Crest Ave., Winthrop. Archts. est. $150,000.

Mass., Cambridge (Boston P. O.) — APARTMENT—Brison & Barish, 14 Lorne St., Dorchester, will build 5 story and basement, 16,000 ft. floor space, steel, stone and brick, plain foundation, Massachusetts Ave., by day labor. $450,000. Silverman, Brown & Heenan, 15 Cornhill St., Boston, archts.

Mass., Forest Hills (Boston P. O.) — HOSPITAL—Forest Hills Hospital, 29 Morton St., 4 story, 45 x 150 ft., brick, Morton St., to N. Hurwitz, 294 Washington St., Boston. Archts. est. $175,000. Noted Apr. 9.

Mass., Springfield — STORE and GARAGE—Locust Hill Associates, c/o H. J. Perkins, 435 Dwight St., 2 story, 115 x 125 ft., rein.-con., brick, steel and cast stone, plain foundation, Willow and Southbridge Sts., to F. T. Lay & Co., Inc., 230 Boylston St., Boston. Archts. est. $150,000.

Conn., New Britain — STORE and OFFICE—L. Rafhael, 77 Grove Hill St., 3 story and basement, 85 x 90 ft., rein.-con., brick and stone, plain foundation, to Hayes Constr. Co., 9 Court St., New Britain. Archts. est. $150,000. Noted Mar. 12.

N. Y., Brooklyn—BANK—Brooklyn Trust Co., 177 Montague St., 4 story, brick, steel and stone, plain foundation, Ocean Ave., to W. Kidde Co., 140 Cedar St., New York City. Archts. est. $300,000. Noted Mar. 5.

N. Y., New York—LOFT and STORE—Thirty-Five West 47th St. Corp., c/o W. M. Mason, archt. and engr., 25 West 43rd St., 20 story, 68 x 100 ft., brick, steel and stone, plain foundation, 35 West 47th St., to H. D. Best Co., 949 Bway.

N. J., Vineland—INSTITUTION—State Bd. Institution & Agencies, 135 West Hanover St., Trenton, constructing group of buildings, here, for Vineland Home for Feeble Minded, to Wills Bill Co., 1708 Sansom St., Phila., Pa., $237,700. Noted Apr. 2.

Md., Baltimore—NURSES' HOME—J. E. Sperry, archt., Calvert Bldg., 10 story, 107 x 142 ft., brick and steel, plain foundation, Bway. between Monument and McElderry Sts., to Consolidated Eng. Co., 20 East Franklin St., for Johns Hopkins Hospital, Bway. and Monument Sts. $650,000. Noted Mar. 5.

Ill., Chicago — HOTEL — E. J. Stevens, pres. Hotel LaSalle Co., LaSalle St. and West Madison Ave., Hotel Stevens, on Michigan Blvd., to George A. Fuller Co., 949 Bway., New York City, about $18,000,000. Noted Mar. 13.

Ill., Rockford—BANK and OFFICE—See "Bids Desired."

Wis., Madison — GARAGE, etc. — Fox Motor Sales Co., 105 East Doty St., will build 2 story, 122 x 133 ft., brick, rein.-con. and steel garage and repair shop, plain foundation, Broom St., by day labor. $150,000. A. L. Seidenschwartz, 290 3rd St., Milwaukee, archt. Noted Feb. 19.

Minn., Minneapolis — LODGE — Cataract Lodge A. F. & A. M., A. Jensen, secy. Building Comn., 4907 Colfax Ave., S., general contract 5 story and basement, 98 x 155 ft., rein.-con. and terra cotta, Central Ave. and 4th St. S. E., to R. Billingsley & Co., 742 Plymouth Bldg. archts. total est. $275,000. Noted Mar. 26.

Kan., Newton—BANK—Railroad Building & Loan Assn., 2 story and basement, 50 x 150 ft., rein.-con. and brick, to Ellis & Singleton, Brosins Bldg., Wichita. Archts. est. $150,000.

Mo., Kansas City — BANK — First Natl. Bank, remodeling and constructing concrete, brick and steel addition, to Swenson Bros., Schubert Bldg. Archts. est. $450,000.

Mo., Kansas City — HOTEL — Kelley Realty Co., Lathrop Bldg., will build 7 story and basement, 80 x 175 ft., rein.-con. and stucco hotel, by day labor. To exceed $150,000. E. C. Farris, 3836 Main St., archt.

Mo., St. Louis—APARTMENT, etc.—J. F. McDermott, Central Natl. Bank Bldg., 3 story and basement, 80 x 190 ft., rein.-con., brick and stone, Hodiamont St. at Gambleton Pl., to A. DeBenedetty, Lucas and Hunt Rd., Wellston.

Mo., St. Louis—APARTMENT, STORE and OFFICE—W. J. Heckman, 801 Chestnut St., 3 story and basement, 41 x 116 ft. and 32 x 95 ft. brick, concrete and stone, West Florissant St. and Pope Ave., to V. A. Chinberg, 808 Chestnut St.

Wash., Seattle—APARTMENT—Colonial Investment Co. will build 5 story and basement, 100 x 128 ft., 1018 Seneca St., by day labor, under supervision of H. S. Hudson, archt., Amer. Bank Bldg. $350,000.

Ore., Portland — APARTMENT — Lotus Holding Co., Lotus Apartments, 3 story, 100 x 100 ft., rein.-con. and timber, plain foundation, 22nd and Irving Sts., to C. O. Westland, Portland, $200,000.

Calif., Los Angeles — GARAGE — Pub. Serv. Comn., general contract altering and constructing 4 story, 20 x 60 ft., rein.-con. annex, 220 South Hill St., to North Pacific Co., 723 Detwiler Bldg., $192,593. Noted Apr. 9.

Calif., Oakland — APARTMENT — J. Iverson, 1915 Bush St., will build 2 story and basement, 100 x 100 ft., rein.-con. apartment with separate garage, 20th and Bush Sts., by day labor.

Calif., Pasadena — APARTMENT — Stanley Apartments of Pasadena, c/o M. Hunt, archt., Hibernian Bldg., Los Angeles, 3 story and basement, brick, South Los Robles Ave., to J. H. Woodworth & Son, 200 East Colorado St., $155,450.

Buildings—Commercial (Continued)

Calif., San Francisco — APARTMENT—Acme Investment Co., Humboldt Bank Bldg., 6 story and basement, steel and concrete, Gough and Clay Sts., to Monson Bros., 251 Kearny St., $165,350.

Ont., Toronto—EXCHANGE—Bell Telephone Co., Ltd., 76 Adelaide St. W., 3 story and basement, 60 x 150 ft. exchange, general contract to Anglin-Norcross Ltd., Temple Bldg. Archts. total est. $160,000.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Belmont (Boston P. O.)—HIGH SCHOOL — School Building Com. plans Junior High School. $200,000. Engineer and architect not selected.

Mass., Boston—SCHOOLS—Schoolhouse Dept., T. P. Glynn, chn., plans five 2 story, brick and stone schools, one in Francis Parkman Dist., Forest Hills, $150,000; Phinas Bates School, Longfellow Dist. in Rosindale, $160,000; practical arts high school in Roxbury, $417,000; one in Prince Dist., Back Bay, $267,000; and high school in Hyde Park Dist., $1,560,000. Engineer and architect not selected.

Mass., Haverhill—SCHOOL—City Council plans brick addition to J. C. Tilton School, Grove St. $200,000. Engineer and architect not selected.

Mass., Ludlow—HIGH SCHOOL—School Building Comn. having preliminary plans prepared by M. W. Maloney, 23 Pearl St., Springfield, 2 story and basement, brick high school. $150,000 or more.

Mass., Rockland — SCHOOL — School Com., A. Toothaker, supt. Schools, rejected bids 2 story and basement, rein.-con. and brick school. $150,000. Brainard & Leeds, 89 Franklin St., Boston, archts. Project in abeyance for 1 year. Noted Jan. 29.

Mass., South Boston (Boston P. O.) — HIGH SCHOOL—City of Boston, Schoolhouse Dept., T. P. Glynn, chn., plans 2 story, brick and limestone addition, here. $400,000. Engineer and architect not selected.

R. I., Providence—SCHOOL—Brown University, Prospect St., having plans prepared by Wells Bosworth, 527 5th Ave., New York City, 2 story and basement, brick school for modern languages, Manning St. $175,000.

R. I., Providence—HIGH SCHOOL—Pub. Building Dept., W. E. Hartwell, comr., plans Junior High School, 2 story, Elmgrove and Taber Aves. To exceed $150,000. Engineer and architect not selected.

R. I., Providence—SCHOOL—Pub. Buildings Com., City Hall, plans school, Veazie St. $150,000. W. E. Hartwell in charge. Engineer and architect not selected.

N. J., Princeton — CHAPEL — Princeton University having preliminary plans prepared by Cram & Ferguson, 248 Boylston St., Boston, Mass., chapel. $1,500,000.

N. J., Jersey City—CHURCH—Simpson and Grace Methodist Episcopal Church, c/o C. G. Jones, archt. and engr., 280 Bway., New York City, having plans prepared brick, steel and stone, plain foundation, Blvd. and Tonnelle Ave. $300,000.

N. J., Pitman—SCHOOLS—Bd. Educ. plans two 8 room schools. $220,000. G. L. Swyler, 207 West Holly St., pres. Engineer and architect not selected.

Va., Danville — SCHOOLS, COURT HOUSE, etc. — Election May 5, $950,000 bonds for schools, court house, streets and sewer projects.

La., Gretna—SCHOOLS—Jefferson Parish election June 9; $600,000 bonds, for school improvements.

La., New Orleans — CHURCH — St. Charles Ave. Baptist Church, St. Charles Ave. and Audubon St., soon takes bids constructing new church and remodeling parsonage. $150,000. Favrot & Livaudais, Hibernia Bank Bldg., archts. Noted Jan. 29.

Tenn., Memphis—MEDICAL SCHOOL—State Legislature appropriated $315,000 for new buildings and improvements to University of Tennessee Medical School.

O., Canton—SCHOOL—Bd. Educ. having plans prepared by Bulford & Co., Columbus, and soon takes bids 2 story addition, Gibbs Ave. N. E. $156,000.

Ind., Wabash — SCHOOL — School Bd., having plans prepared by Kopf & Wooling, K. of P. Bldg., Indianapolis, 2 story and basement, 140 x 220 ft., rein.-con., brick and steel school. $307,000.

Mich., Detroit — CHURCH — Redeemer Presbyterian Church, c/o G. D. Mason & Co., archts., 80 Griswold St., having plans prepared and soon take bids 2 story and basement, 100 x 120 ft., rein.-con., brick and steel, plain foundation, West Grand Blvd. $150,000.

Mich., Kingsford Heights (Iron Mountain P. O.) — SCHOOL — Bd. Educ. Breitung Twp., having plans prepared by F. E. Parmelee, Iron Mountain, 2 story and basement, brick and tile school, plain foundation. $150,000.

Mich., Pontiac—CHURCH—First Congregation Church had plans prepared by W. E. N. Hunter, 1010 Donovan Bldg., Detroit, 2 story and basement, 64 x 218 ft., brick, steel and stone, plain foundation, Mill St. $200,000.

Mich. River Rouge—SCHOOL—Ann Visger School having plans prepared by Van Leyen, Schilling & Keough, 3440 Cass Ave., Detroit, 2 story and basement, 120 x 150 ft., rein.-con., brick and steel addition, plain foundation. $180,000.

Mich., Roseville — CONVENT — Felician Sisters, 4232 St. Aubin Ave., Detroit, having plans prepared by Garstecki & Waier, 403 Hoffman Bldg., Detroit, 3 story and basement, brick, steel, tile and stone, plain foundation, Gratiot Ave. $800,000.

Ill., Chicago—SCHOOLS—Bd. Educ., c/o J. E. Byrnes, bus. mgr., 650 South Clark St., having plans prepared by J. C. Christensen, 650 South Clark St., eight 2 story and basement, 100 x 125 ft., rein.-con., brick and stone schools, plain foundations, 1 on Philips, Yates and 84th Sts., 1 on Le Moyne and Le Claire Sts., 1 on Chappel and 80th Sts., 1 on 114th and Menart Aves., 1 on Keeler and Henderson Sts., 1 on 62nd and Linder Aves., 1 on Byron and New England Sts., and 1 on Garfield and Glenlake Aves. $400,000 each.

Ill., Hinsdale—COLLEGE—Franciscan Fathers of Illincis, c/o M. Strub, pastor, 3140 Meramec Ave., St. Louis, Mo., having plans prepared by O'Meara & Hills, Arcade Bldg., St. Louis, Mo., 3 story and basement, 280 x 350 ft., rein.-con., brick and stone college, plain foundation, here. $850,000.

Ill., Murphysboro — HIGH SCHOOL — Township Bd. Educ., S. McNeel, pres., plans 2 story and basement high school. $150,000. Engineer and architect not selected.

Kan., Lyons—SCHOOL—Defeated $150,000 bonds for schools. Noted Mar. 26.

Neb., Falls City—HIGH SCHOOL—Voted $250,000 bonds, for brick and concrete Senior High School. Engineer and architect not selected. Noted Mar. 19.

Mo., Kansas City — SYNAGOGUE and SUNDAY SCHOOL—Keneseth Israel-Beth Sholom, c/o President, Title Bldg., having plans prepared by Greenebaum, Hardy & Schumacher, 216 Scarritt Bldg., part 3 and part 2 story and basement, 75 x 115 ft. and 61 x 82 ft., rein.-con. and brick, plain foundation, 34th and Paseo Sts. $275,000.

Mo., Springfield — SCHOOL — Central Bible Institute, c/o J. W. Welch, pres., having preliminary plans prepared 2 and 3 story and basement, rein.-con., brick and stone. $200,000.

Ark., Fayetteville—UNIVERSITY—University of Arkansas, J. C. Futrell, pres., plans two 3 story, 200 ft. long addition to University. Noted Nov. 27.

Texas — COLLEGE — Catholic Church, c/o Sisters of Incarnate Word, Brownsville, plans 3 and 4 story and basement, rein.-con., brick and stone, plain foundation, in Texas. Site not selected. $250,000. Private plans.

Tex., San Antonio—SCHOOL and DORMITORY—Westmoreland College, (Methodist Church), 726 West Waco St., having sketches made 3 story and part basement, rein.-con., tile and stone, plain foundation, West side. $250,000. E. R. Sanford, pres. Engineer and architect not selected.

Tex., San Antonio — TEMPLE — Temple Beth El, Travis and Jefferson Sts., M. Stern, chm. Building Co., takes bids about June 1, 2 story and basement, rein.-con., steel and hollow tile, plain foundation, West Ashby and Belknap Sts. $250,000. Seutter & Simons, Moore Bldg., archts. and engrs. Noted Jan. 8.

Okla., Norman — DORMITORY — Sisters of Divine Providence, San Antonio, Tex., having preliminary plans prepared by Monott & Reid, Empire Bldg., Oklahoma City, 3 story and basement, 90 x 155 ft., rein.-con. and brick, plain foundation, Boyd and Chautauqua Sts., here, for University of Oklahoma. $150,000.

Okla., Norman — DORMITORY — State Bd. Affairs, Capitol Bldg., Oklahoma City, plans Girls Dormitory 3 story and basement, 100 x 160 ft., rein.-con. and brick, plain foundation, on campus. $175,000 appropriated. Noted Jan. 8.

Colo., Denver—EDUCATIONAL UNIT—Montview Blvd. Presbyterian Church, Montview Blvd. and Dahlia St., had plans prepared by Hoyt & Hoyt, Colorado Natl. Bank Bldg., 2 story and basement, brick, stone and rein.-con. educational unit, also remodeling church. $175,000.

Calif., Berkeley—LIBRARY—City plans election $300,000 bonds for library annex.

Calif., Los Angeles—LIBRARIES—Plans election $1,000,000 bonds, approximately 25 branch libraries.

Calif., San Francisco — CHURCH — Trinity Methodist Episcopal Church, 16th and Noe Sts., having plans prepared by Wythe, Blaine & Olson, 1800 Telegraph Ave., Oakland, concrete, brick and timber, 16th, Noe and Market Sts. $150,000.

Ont., Merritton—HIGH SCHOOL—Towns of Merritton and Port Dalhousie, Grantham and South Twps., plan 15 to 20 room concrete, brick and steel high school, here. $200,000. Engineer and architect not selected.

Ont., Toronto—CHURCH—Holy Rosary Parish, St. Clair and Kendal Aves., plans 1 story and basement, rein.-con., brick and steel, plain foundation, St. Clair and Kendal Aves. $160,000. Engineer and architect not selected.

Ont., Toronto—CHURCH and SUNDAY SCHOOL—First Ave. Baptist Church, W. T. Graham, rector, 63 Simpson Ave., having plans prepared by J. G. Morton, 61 Dixon Ave., 1 and 2 story and basement, rein.-con., brick and steel, plain foundation. $175,000.

Ont., Toronto — DORMITORY — Victoria College, Queens Park, plans 3 story and basement, rein.-con., brick and steel, plain foundation. $250,000. Engineer and architect not selected.

Ont., Bracebridge — SCHOOL — High School Bd. having plans prepared by Burden & Guinlock, 101 King St. W., Toronto, 2 story and basement, 8 or 10 room, rein.-con., brick and steel, plain foundation. $150,000.

Que., Monk—CHURCH—Roman Catholic Congregation, A. Letourneau, curate, having plans prepared by H. Laberge, Quebec, 55 x 150 ft. church. $150,000.

Que., Quebec — CHURCH — Roman Catholic Congregation, St. Joseph Parish, having plans prepared by H. Laberge, Quebec, 62 x 200 ft. church. $150,000.

BIDS DESIRED

Mass., Harwich—SCHOOL—School Com. taking bids 2 story and basement, 95 x 116 ft., brick and stone high and elementary school, plain foundation. $175,000. W. T. Littlefield, 3 Hamilton Pl., Boston, archts.

Mass., Watertown (Boston P. O.) — SCHOOL—C. M. Abbott, chn. com., taking bids 2 story and basement, brick and stone addition to Coolidge School, plain foundation, Arlington and Mt. Auburn Sts. $200,000. C. P. Hoyt, 8 Beacon St., Boston, archt.

R. I., Cranston—SCHOOL—May 1, by A. M. Colvin, city property comn., 2 story and basement, brick, Pontiac Ave., and Mersick St., Eden Park Sect. To exceed $150,000. W. R. Walker & Son, 49 Waybossett St., Providence, archts.

N. J., Hillside — SCHOOL — May 14, by Bd. Educ., Central Grammar and High School, Coe Ave., additions and alterations to schools in Hillside Twp. C. G. Poggi, 275 Morris Ave., Elizabeth, archt.; adv. E. N.-R. Apr. 23.

Pa., McKeesport—CHURCH, etc.—First Methodist Episcopal Church, Germantown and High Sts., taking bids 1 and 1½ story and basement, 60 x 125 ft., 33 x 110 ft. and 50 x 60 ft. church and sunday school, Cornell and Versailles Sts. $300,000. C. W. Bolton & Son, 1505 Race St., Phila., archts. Noted Dec. 4.

O., South Charleston—HIGH SCHOOL—May 15, by Bd. Educ., F. Barmann, clk., 2 story and basement, rein.-con. and brick high school. $170,000. Walker & Norwick, 1301 American St., Dayton, archts.

Ill., Evanston—FRATERNITY HOUSES—June 10, by Granger, Lowe & Bollenbacher, archts., 332 South LaSalle St., Chicago, fourteen 2 story and basement, 42 x 100 ft., rein.-con., brick and stone fraternity houses, on campus, for Various Fraternities c/o Northwestern University. W. A. Dycke, Evanston, bus. mgr. $75,000 each. Noted Jan. 1.

Mo., Hannibal — HIGH SCHOOL — Apr. 28, by E. F. Mangles, secy. Bd. Educ., Central High School, 2 story and basement, 110 x 195 ft., rein.-con., brick and stone. Former contract rescinded. W. B. Ittner, 911 Locust St., St. Louis, archt. Noted Apr. 12.

Buildings—Educational, Religious (Cont.)

Mo., Tarkio—SCHOOL—Apr. 27, by E. M. Hackett, secy. Bd. Educ., in Directors Room, Farmers Bank, 2 story and part basement, 96 x 186 ft., brick and concrete school. H. I. Goddard, 612 Interstate Bldg., archt. Noted Mar. 2.

Calif., Los Angeles—COLLEGE—University of California taking bids general construction 3 story and basement, 120 x 120 ft., brick and timber college. $150,000. J. and D. B. Parkinson, 420 Title Insurance Bldg., archts.

Ont., Toronto—CHURCH—May 4, by St. Peters Roman Catholic Church, Bathurst St., 1 story and basement, 85 x 160 ft., rein.-con., brick, steel and stone, plain foundation. $175,000. J. P. Hynes, 73 King St. W., archt.

BIDS RECEIVED

Pa., Uniontown—HIGH SCHOOL—E. R. Johnson, archt., Fayette Title & Trust Bldg., Lafayette Junior High School, 2 story and basement, 142 x 254 ft., from Gilpatrick Dawson Co., Empire Bldg., Pittsburgh, for Bd. Educ. $191,300. Noted Mar. 26.

Pa., Uniontown—HIGH SCHOOL—Bd. Educ., Ben Franklin Junior High School, 2 story and basement, 130 x 185 ft., from Gilpatrick Dawson Co., Empire Bldg., Pittsburgh, $219,815. Noted Mar. 26.

Md., Cumberland—HIGH SCHOOL—Bd. Educ. Allegany Co., 3 story, 169 x 200 ft., rein.-con. and brick high school, plain foundation, from King Lumber Co., Charlottesville, Va., $287,700.

O., Bowling Green — LIBRARY and RECITATION—State Building Comn., Columbus, H. L. Johnston, secy., Bowling Green, State Normal School, 1 story and basement, brick, steel and concrete, here, from Yeager & Son, Danville, Ill., $225,000. Noted Mar. 19.

Ia., Des Moines—SCHOOLS—Bd. Educ., G. L. Garton, secy., Mar. 31, general contract McKinley School addition, from J. A. Benson Constr. Co., 416 Valley Natl. Bank Bldg., $47,000; Howe School addition, from W. Knutson & Sons, Flynn Bldg., $60,451; Rice School addition, from Garmer-Stiles Co., 519 West 14th St., $79,875; Hubbell School addition, from Des Moines Constr. Co., Des Moines, $61,465; Cassady School addition, from A. H. Neuman & Co., 519 Hubbell Bldg., $64,291. Noted Mar. 26.

CONTRACTS AWARDED

Vt., Proctor — CHURCH — St. Dominics Parish, 2 story and basement, 70 x 115 ft., rein.-con., brick and marble, plain foundation, to C. G. Noyes, 155 Adams St., Rutland. Archts. est. $150,000. Noted Apr. 2.

Mass., Attleboro — HIGH SCHOOL — School Com., 2 story and basement, brick addition, to J. Munroe, North Attleboro. Archts. est. $200,000. Noted Apr. 9.

Mass., North Attleboro—HIGH SCHOOL—Town, T. M. Morris, supt. Schools, 2 story and basement, brick and stone, Barrows St., to J. A. Munroe, 150 Washington St. Archts. est. $150,000. Noted Dec. 25.

R. I., Central Falls—PARISH HOUSE—Church of Holy Trinity, 3 story and basement, 70 x 75 ft., brick, Adams Ave., to Mahoney & Tucker, 72 Weybosset St., Providence. Archts. est. $150,000.

R. I., Providence — HOME — La Salle Academy, Fountain St., 3 story and basement, 45 x 100 ft., brick, Academy Ave., to E. Turgeon, 86 Weybosset St. Archts. est. $150,000.

Conn., New London — SCHOOL — School Bd., City Hall, 2 story and basement, brick and steel, Mercer St., to Pieretti Bros., Centerbrook. Archts. est. $150,000. Noted Mar. 26.

Conn., Wallingford — CHURCH — Sts. Peter & Paul Parish, S. A. Iciek, pastor, 1 story and basement, 45 x 110 ft., brick and stucco, to P. J. Zima, 8 Akron St., Meriden. Archts. est. $150,000.

N. Y., Buffalo — SCHOOL — Bd. Educ., Genesee Bldg., constructing P. S. 74, Donaldson Rd., to Shane Constr. Co., Herald Bldg., Syracuse, $325,234.

Pa., Phila.—HIGH SCHOOL—Diocese of Phila., c/o D. Cardinal Dougherty, 18th and Race Sts., 3 story and basement, 70 x 345 ft. and 75 x 82 ft., rein.-con. and brick, plain foundation, Towersdale, Hunting Park Ave., Jasker and Pipe Sts., to B. J. McKenna, 1713 Moravian Ave.

Pa., Uniontown—HIGH SCHOOLS—Bd. Educ., general contract Lafayette Junior High School, 2 story and basement, 142 x 254 ft., and Ben Franklin Junior High School, 2 story and basement, 130 x 185 ft., to Gilpatrick Dawson Co., Empire Bldg., Pittsburgh, $191,300 and $219,815 respectively.

O., Bowling Green — LIBRARY and RECITATION—Dept. Pub. Welfare, 3 story and basement, 75 x 150 ft., rein.-con. and brick, to Watts & Suhrbier, 1235 Miami St., Toledo, about $225,000. Noted May 19.

O., Galion—HIGH SCHOOL—Bd. Educ., Old West Hgih School, 2 story and basement, rein.-con. and brick, to A. Shurer, Sandusky, $178,088. Noted Apr. 16.

Ill., Cicero—HIGH SCHOOL—Bd. Educ., Sterling Morton High School, 3 story and basement, concrete, brick and stone, to Fitzgerald Constr. Co., 105 South Monroe St., Chicago. Archts. est. $300,000. Noted Feb. 12.

Ill., Freeport — HIGH SCHOOL — E. Graham, secy. Bd. Educ. Dist. 145, 3 story and basement, 150 x 300 ft., concrete, brick and stone, to Bartleson & Ness, Green Bay, Wis. Archts. est. $450,000. Noted Mar. 19.

Kan., Kansas City — CHURCH — St. Peters Catholic Congregation, 3 story and basement, 60 x 144 ft. church, to F. H. Pavlick, 5601 Harrison St., Kansas City, Mo. Archts. est. $150,000 Noted Apr. 16.

Mo., Carthage—COLLEGE—Ozark Wesleyan College, 3 story and basement, concrete, stone and steel, general contract, to George Fuller Green Constr. Co., 429 Rialto Bldg., Kansas City, $215,679. Noted Mar. 12.

Mo., Kansas City—CHURCH—J. H. Felt & Co., archts., Grand Ave. Temple Bldg., general contract remodeling and constructing 3 story and basement, 100 x 125 ft., stone, plain foundation, Linwood Blvd., for First Baptist Church, to J. T. Neil & Sons, Walnut and 7th Sts., $297,368. Noted Mar. 26.

Calif., San Francisco—SCHOOL—Roman Catholic Archbishop, 1100 Franklin St., 2 story and basement, rein.-con., 18th St., to J. G. Liebert Co., 185 Stevenson St., $165,000.

Ont., Ottawa — COLLEGE — Oblate Fathers, East Ottawa, college, Main St., here, to Gascon & Parent, Montreal. Archts. est. about $150,000.

Ont., Toronto—ART GALLERY—Art Gallery of Toronto, Grange Rd., general contract 1 story, 250 x 300 ft., concrete, brick, steel and stone art gallery addition, to Witchall & Son, 156 St. Helens Ave. Archts. total est. $250,000.

Ont., Toronto — CHURCH — Holy Name Parish, Danforth and Moscow Aves., 1 story and basement, 80 x 150 ft., rein.-con., brick and steel, plain fuondation, Danforth Ave., to Witchall & Son, 156 St. Helens Ave. Archts. est. $150,000.

N. B., St. John—HIGH SCHOOL—Bd. School Trustees, 3 story, 165 x 270 ft., rein.-con., brick, steel and stone, plain foundation, Douglas Ave., to J. A. Grant & Co., Market Sq., $381,830. Archts. est. $350,000. Noted Apr. 2.

Federal Government Work

PROPOSED WORK

N. Y., New York — Water Tank — Spec. 5090—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans 50,000 gal. steel water tank with tower and automatic sprinkler system, here.

Wisconsin—Breakwaters—U. S. Engineer Office, Federal Bldg., Milwaukee, plans cutting down and placing new concrete tops on breakwaters in harbors at Manitowoc, Kenosha, Racine and Sheboygan, also rebuilding concrete dam at Little Rapids, Brown Co., etc.

BIDS DESIRED

Conn., Mystic—Post Office—May 11, by Treas. Dept. at office Supervising Archt., Wash., D. C., post office, here.

N. Y., Brooklyn—Chimney—Spec. 5077—May 6, by Bureau Yards & Docks, Navy Dept., Wash., D. C., radial brick chimney at Navy Yard, here; adv. E. N.-R. Apr. 23. Noted Mar. 26.

N. Y., Fort Wright (Fishers Island P. O.) —Improvements—Apr. 29, by Quartermaster, improving Natl. guard camp, here; adv. E. N.-R. Apr. 23.

D. C., Wash. — Cement — Apr. 23, at office General Purch. Officer of Panama Canal, Portland cement.

Ala., Mobile—Hospital—May 5, by Treas. Dept. at office Supervising Archt., Wash., D. C., marine hospital, here.

Tenn., Memphis — Rip Rap Stone — May 11, by Mississippi River Comn., 1006 McCall Bldg., 12,000 cu.yd. rip rap stone.

Ill., Rock Island — Hull for Towboat — May 16, by U. S. Engineer Office, one steel hull for towboat Ellen; adv. E. N.-R. Apr. 23.

Minn., Duluth—Breakwater—May 15, by U. S. Engineer Office removing timber superstructure, furnishing and placing stone rip rap along and on breakwater upper entrance, Keweenaw Waterway, Mich.; adv. E. N.-R. Apr. 23.

Mo., Fayette—Post Office—May 20, by Treas. Dept. at office Supervising Archt. Wash., D. C., post office building, here; adv. E. N.-R. Apr. 23.

Mo., St. Louis — Towboat — May 27, by U. S. Engineer Office, War Dept., Wash., D. C., 100 ft. steel hull Diesel electric towboat, here.

Oklahoma—Roads—Apr. 27, by G. E. Goodwin, ch. engr. Dept. Interior, Natl. Park Service, improving, widening and surfacing roads of Platt Natl. Park.

BIDS RECEIVED

Mass., Amherst — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., constructing post office building, here, from A. M. Lundberg, Federal Reserve Bank Bldg., St. Louis, Mo., $65,600. Noted Mar. 26.

Cuba, Guantanamo—Water Tank—Spec. 5006—Bureau Yards & Docks, Navy Dept., Wash., D. C., 500,000 gal. water tank, here, from Lancaster Iron Wks., Inc., South Prince and Hager Sts., Lancaster, Pa., $5,050. Noted Mar. 12.

CONTRACTS AWARDED

S. C., Charleston—Dredging—U. S. Engineer Office, dredging in Sampit River, Winyah Bay, to Sanford & Brooks Co., Charleston, $68,900. Noted Feb. 26.

La., New Orleans—Levee Work—Fourth Mississippi River Dist., 140 Decatur St., 6,000,000 cu.yd. levee work, in Upper and Lower St. Francis, Reelfoot and White River Levee Dists., Items 1, 2 and 7, to Sternberg Dredging Co., Arcade Bldg., St. Louis, Mo., $131,100; Items 3, 5, 9, 17 and 19, to Lawrence Bros., Memphis, Tenn., $388,560; Item 8, to S. K. Jones Constr. Co., Rand Bldg., Memphis, Tenn., $39,490; Items 22 to 24 (inclusive), to W. H. Denison, Cushman, Ark., $111,000; Items 25 to 27 and 31 to 35 (inclusive), to Hercules Co., Ltd., Cotton Exch. Bldg., $308,424. Noted Mar. 26.

Ky., Louisville—Sheet Piling—U. S. Engineer Office, P. O. Box 72, steel sheet piling for Locks and Dams 45, 46 and 53, to Carnegie Steel Co., Carnegie Bldg., Pittsburgh, $143,288. Noted Mar. 5.

Ill., Great Lakes—Buildings, etc.—U. S. Veterans Bureau, Room 791 Arlington Bldg., Wash., D. C., constructing hospital, here, general contract, to Murch Bros. Constr. Co., Ry. Exch. Bldg., St. Louis, Mo., $623,184; plumbing and heating to C. A. Hooper, 453 West Gilman St., Madison, Wis., $142,730; electrical work, to Domestic Utilities & Supply Co., Oshkosh, Wis., $25,135. Noted Mar. 26.

Wash., Puget Sound — Roofing — Spec. 5100—Bureau Yards & Docks, Navy Dept., Wash., D. C., reroofing portion of Building 84, here, to Johns-Mansville, Inc., 124 West Massachusetts Ave., Seattle, $2,485 (60 days). Noted Apr. 16.

Calif., San Diego — Surfacing — Spec. 5089—Bureau Yards & Docks, Navy Dept., Wash., D. C., surfacing warming up platform, here, to R. E. Burgund, Heegaard Bldg., Veverly Hills, $2,390 (60 days). Noted Apr. 16.

H. T., Pearl Harbor — Hangars — Spec. 5046—Bureau Yards & Docks, Navy Dept., Wash., D. C., hangars, here, etc. to Austin Eng. Co., 121 West 42nd St., New York City, $221,272 (270 days) at Pearl Harbor, and 400 days at Coco Solo. Noted Apr. 16.

Unclassified

PROPOSED WORK

Golf Course — Pittsfield, Mass. — Pittsfield Golf Club, developing 85 acres at Poutoosuc Lake for golf course etc. $30,000 or more. Engineer not selected.

Land Development—Providence, R. I.—City Council plans developing land on Douglas Ave. and Stanbury St., for school purposes. $25,000.

Coal Burning Apparatus—Trenton, N. J. — State Bd. Educ. having specifications made coal burning apparatus to take place of oil burning apparatus in State Normal School. $16,000. Guilbert & Bettelle, Chamber Commerce Bldg., Newark, archts.

Fill—Phila., Pa.—G. W. Biles, dir. Dept. Pub. Wks., rejected bids Apr. 14, fill for municipal stadium. Will readvertise. Noted Apr. 9.

Transmission Line—Mississippi—Mississippi Power Co., Gulfport, making preliminary plans 50 mi. 44,000 volt transmission line from Starkville to state line. Work

Unclassified (Continued)

will probably be done by day labor. Private plans.

Dock—Detroit, Mich.—Dept. Pub. Wks., City Hall, making plans rein.-con. and timber dock and pier. $80,000. G. Jerome, city engr.

Street Lighting System — Alliance, Neb.—See "Waterworks."

Swimming Pool—Fredericksburg, Tex.—City takes bids after Apr. 25, rein.-con. swimming pool. $25,000. Terrell Bartlett Engineers, 612 Calcasieu Bldg., engrs.

Transmission Line—Orlando, Okla.—Defeated $12,000 bonds for 18 mi. transmission line to Perry. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs. Noted Apr. 2.

Gas Holder, etc.—Winslow, Ariz.—City making plans 50,000 cu.ft. gas holder; oil and gas generator with scrubbers 10,000 cu.ft. per hr. capacity; one 40 x 54 ft., brick or concrete building with steel trusses, etc.; gas booster, 6,000 cu.ft. per hr. capacity, 2 suitable lamp black filters, 2,000 lin.ft. 6 in. c.i. gas mains, etc. $50,000. H. R. Lendecke, city engr.

Oil Tanks—Levis, Que.—British Amer. Oil Co., Limoilou, plans 3 oil tanks, 12,000 gal. each. $25,000.

Power Development—Brockville, Ont.—Hydro Electric Power Comn., 190 University Ave., Toronto, making surveys hydro-electric development on Gananoque River, in Leeds Co. $750,000. F. A. Gaby, ch. engr.

Wharf and Warehouse — Blind River, Ont.—Dept. Pub. Wks., Parliament Bldgs., Ottawa, plans wood pile crib, stone and concrete wharf $47,000, also warehouse $2,100. K. M. Cameron, Hunter Bldg, Ottawa, ch. engr.

Harbor Improvements—Kincardine, Ont.—Dept. Pub. Wks., Parliament Bldgs., Ottawa, plans wharf repairs, improvements, dredging, etc., here. $150,000. K. M. Cameron, Hunter Bldg., Ottawa, ch. engr.

Dock — St. Johns, Nfld.—Government making plans 600 ft. dock, 70 ft. wide. $1,000,000. W. I. Bishop & Co. Ltd., New Birks Bldg., Montreal, Que., engrs.

BIDS DESIRED

Mechanical Equipment — Long Island City, N. Y.—Apr. 27, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, mechanical equipment, heating and ventilating apparatus for Jamaica High School, Grand and Chapin Aves.

Subway—New York, N. Y.—May 7, by Bd. Transportation, 49 Lafayette St., constructing Sect. 6B, of Route 78.

Gas Mains—Iron Mountain, Mich.—Iron Mountain Gas Co., W. Tibbs, pres., 215 West Water St., Milwaukee, Wis., taking bids 5 to 6 mi. gas mains in various streets. $27,000.

Stadium—Milwaukee, Wis.—Apr. 30, by F. Harbach, secy. School Bd., 10th and Prairie Sts., 50 x 360 ft., rein.-con. stadium, Windlake Ave. $100,000. Van Ryn & DeGelleke, 10th and Prairie Sts., engrs. Noted Apr. 16.

Fireboat—Houston, Tex.—H. L. Washburn, aud. Harris Co., Court House, and J. A. Schiller, engr., Houston, taking bids and open same about Apr. 30, fireboat with steel hull, 125 ft. 10 in. long 27 ft. beam, twin screw, Diesel electric engines, two 35,000 g.p.m. pumps, etc. $300,000.

Transmission Line—Oklahoma—Apr. 27, by G. C. Mitchell, city clk., Carter, 18 mi. 13,200 volt electric transmission line from Elk City to Carter, also one 50 kw. step down station and electric distribution system, in Carter. $25,000. Noted Feb. 19.

Grain Elevators—Regina, Sask.—May 1, by Saskatchewan Pool Elevators Ltd., Union Bank Bldg., thirty 32,000 bu. grain elevators.

BIDS RECEIVED

Athletic Field and Field House—Brooklyn, N. Y.—W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Apr. 14, athletic field and field house, for Thomas Jefferson High School, Pennsylvania and New Jersey Aves., from Hayson Constr. Co., Arverne, for Bd. Educ., 500 Park Ave., New York City. $139,247. Noted Apr. 9.

CONTRACTS AWARDED

Swimming Pool, etc.—Holyoke, Mass.—Bd. Pub. Wks., City Hall, 40 x 75 ft. pool, and 20 x 60 ft. shelter house, concrete and stucco, to P. J. Kennedy & Co., Inc., 46 Park St., $21,000. Engrs. est. $30,000. Noted Apr. 16.

Coal Storage Yard, etc.—Manchester, Conn.—G. E. Willis & Son, Inc., 2 Main St., 40 x 150 ft. anthracite storage shed, 22 ft. high at center, 100 ft. trestle and towers, etc., to Manchester Constr. Co., Main St., Springfield, Mass.; spur track to yard, to Fred T. Ley Co., 495 Main St., Springfield, Mass.; track hopper, bucket elevator and tower hopper, to Gifford-Wood Co., 24 Milk St., Boston, Mass. This corrects report in Apr. 16 issue.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., constructing section of Central Park West-Washington Heights subway line along Central Park West from 68th to 77th Sts., to J. F. Cogan Co., Grand Central Bldg., $4,190,000. Noted Apr. 9.

Prison Wall—Ossining, N. Y.—J. L. Long, supt. State Prisons, Albany, rein.-con. and steel prison wall, here, to M. Delfino, Ossining, $200,000.

Swimming Pool—Sioux City, Ia.—City, 140 x 240 ft. swimming pool, 800,000 gal. capacity, and 36 x 80 ft. bath house, at Riverside Park, to Coomer & Small, U. B. Bldg., Sioux City, $25,735.

Storage Tanks—Topeka, Kan.—Homer & Wyatt, engrs., 300 Bd. Trade Bldg., Kansas City, Mo., 8 rein.-con. storage tanks, 90 ft. high and 18 ft. diam., 180,000 bu. capacity, to Industrial Eng. & Constr. Co., 520 Kansas City Life Bldg., Kansas City, Mo., for Topeka Flour Mills Co., 126 North Jefferson St. Noted Mar. 12.

Heating and Plumbing, etc.—Dallas, Tex.—OFFICE — See "Buildings — Commercial under Bids Desired."

Underpass — Winnemucca, Nev. — State Hy. Comn., Carson City, 685 ft. underpass under Central Pacific R.R. tracks, Humboldt Co., here, 7,750 cu.yd. excav., 370 cu.yd. excav. for 15 in. concrete pipe and furnish 450 ft. 15 in. concrete pipe, 640 cu.yd. concrete, to A. D. Drumm, Jr., Fallon, $18,305. Noted Mar. 19 under "Nevada."

Tug — Sorel, Que. — Dept. Marine & Fisheries, Ottawa, Ont., will build 24 x 100 ft. tug, here, by day labor. $30,000. M. Johnston, Sorel, engr.

Harbor Improvements—Port Stanley, Ont.—S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, deepening and widening harbor and extending stone and cement breakwater, to Birmingham & Son, Kingston. Engrs. est. $160,000. Noted Mar. 5.

Gas Mains — Toronto, Ont.—Consumers Gas Co., 55 Adelaide St. E., will lay new c.i. and steel gas mains in various streets, by day labor. $500,000. Private plans.

Material and Equipment

PROPOSED WORK

Traffic Control Signals—Springfield, Ill.—City plans to purchase 10 synchronizer automatic traffic control signals. S. A. Bullard, mayor. $2,500.

Crusher Rolls — Inspiration, Ariz. — Inspiration Consolidated Copper Co., plans to purchase four 72 in. crusher rolls for leaching plant. $140,000. G. H. Booth, Inspiration, engr.

BIDS DESIRED

Steam Cinders—Brooklyn, N. Y.—Apr. 29, by J. A. Guider, boro pres. Boro Hall, 10,000 cu.yd. steam cinders.

Trucks—Long Island City, N. Y.—Apr. 29, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., twenty 3½ ton motor trucks to Bureau Street Cleaning as directed.

Cranes — Baltimore, Md. — Baltimore & Ohio R.R. in market for three 25 ton locomotive cranes.

Crane—Richmond, Va.—J. G. Skelton Co. Inc., Virginia Railway & Power Bldg., J. G. Skelton, mgr., in market for 30 to 50 ft. span motor driven traveling crane, 5 to 7 ton capacity. Second-hand machine might be decided upon.

Accumulator, etc.—Chicago, Ill.—International Harvester Co., 606 South Michigan Ave., A. McDonald, purch. agt., in market for 1 accumulator, 750 cu.in. displacement for 1,500 lb. hydraulic working pressure.

Ford Tractors and Chassis—Chicago, Ill.—Apr. 28, by J. J. McComb, West Chicago Park Comr., 2 Fordson tractors or equal equipped with Weaver cab W and K, 10 x 40 single solid tire wheels, W and K bumper and radiator shield, brakes and spring seat, Weir muffler and pintle hooks in rear for trailers, also 2 Ford chassis equipped with tractor attachments and dump bodies for cutting grass on golf course, also 2 gangs of 5 each Fairway mowers without rollers.

Loading Unit, etc.—Chicago, Ill.—A. H. Driscoll, purch. agt. Fullerton Fuel & Supply Co., 4000 Fullerton Ave., Chicago, in market for heavy loading and unloading unit, also conveyors for new retail yard at 2426 West Crawford Ave. Fullerton.

Pump, Heater, etc.—Chicago, Ill.—Apr. 27, by Commissioner Pub. Wks., 406 City Hall, 1 steam turbine driven centrifugal boiler feed pump complete, delivered to Roseland Pumping Station, 104th St. and Stewart Ave., $1,500; 2 open feed water heaters, induction type, and 1 atmospheric relief valve, $5,500.

Road Oil—Green Bay, Wis.—W. L. Kerr, city clk., taking bids 30,000 gal. road oil having 50 to 60 per cent asphaltic content.

Crushed Limestone, etc. — Minneapolis, Minn.—Apr. 29, by F. S. Gram, city purch. agt., 10,000 cu.yd. 3 x 3 crushed limestone, and 3,000 cu.yd. screenings. N. W. Elsberg, city engr.

Road Maintainers, etc.—Madison, S. D.—Apr. 27, by J. J. Mackay, aud. Lake Co., 3 road maintainers, 2 slips, 2 fresnos and 6 road drags.

Grader — Lubbock, Tex.—C. Nordyke, judge Lubbock Co. taking bids 1 elevating grader. $1,000.

Pipe—Port Arthur, Tex.—May 5, by J. P. Logan, mayor, 1,790 ft. 18 in. 4,425 ft. 15 in., 1,800 ft. 12 in., 8,953 ft. 10 in., and 38,485 ft. 8 in. pipe. $25,000. Engineer not announced.

Stone Crusher—Birch Cliff, Ont.—Scarborough Twp. in market for stone crusher. C. E. Fraser, 301 Kingston Rd., Toronto, engr.

Cement, Crushed Stone, etc. — Toronto, Ont.—R. Miller & Son Ltd., Harbor Bldg., wants prices on 1,191 bbl. super cement, 1,320 bbl. Portland cement, 1,757 tons crushed stone, 2,370 tons rubble stone, and 1,098 tons sand. $20,000-$25,000.

CONTRACTS AWARDED

Gravel and Sand—Boston, Mass.—Furnishing (a) bank gravel (b) sand to various districts in (1) South Boston (2) East Boston (3) Charlestown (4) Brighton (5) West Roxbury (6) Dorchester and Ashmont (7) Roxbury (8) Hyde Park (9) Dist. 8 (10) Dist. 10, to M. Doyle & Co., Inc., Weld Ave., Roxbury., (a1) $1 (b1) $1 (a3) $1.15 (b3) $1.15; to P. O'Rioden (a2) $1 (b2) $1; to G. H. Noone, 353 Gardner St., West Roxbury, (a4) $0.85 (b4) $0.94 (a5) $0.85 (b5) $0.92 (a6) $1.14 (b6) $1.14 (a7) $0.97 (b7) $0.97 (a8) $0.98 (b8) $0.98 (a9) $0.98 (b9) $0.98; to Massachusetts Sand & Gravel Co., 454 O. S. Bldg., Newton Upper Falls, (a10) $1.10 (b10) $1.25. Noted Mar. 12.

Sewer Brick, etc.—Boston, Mass.—Supply Dept., 260,000 sewer brick to various depts., and Portland cement delivered as required, to J. P. O'Connell & Co., 11 Beacon St., $22,000 per M. and $3 per bbl. respectively; 500 tons road asphalt for construction OA-2, also 50 bbl. heavy engine and machine oil, and 100 bbl. cylinder oil, to Standard Oil Co. of New York, Park Sq. Bldg., $27.61 per ton, $0.213 per gal., and $0.295 per gal. respectively; 50,000 wood blocks to Pub. Wks. Dept., and 50,000 wood blocks to Paving Serv., delivered at Albany St., to C. and R. Constr. Co., 67 Harrison St. E., Roxbury, $66 per M. each; 350,000 gal. 45% asphalt road oil to Pub. Wks. Dept., to Alden Speare's Sons Co., 156 6th St., Cambridge, $0.077 per gal.; beach gravel delivered as required until Dec. 31, to W. R. Farrell, 63 Long Wharf, $1.43 per ton; crushed stone, screenings, etc., in East Boston, to Rowe Contg. Co., North Revere, $1.95 per ton, in South Boston, Dist. 8 and Dist. 10, to J. C. Coleman & Sons Co., 1620 Tremont St., Roxbury, $2.20, $1.90 and $2.25 per ton respectively, in Charleston to Coleman Bros., Inc., 245 State St., $2.25 per ton, in Brighton, to Beatty Constr. Co., 66 Warren St., $2.45 per ton, in West Roxbury, to New England Crushed Stone Co., 4959 Washington St., West Roxbury, $2.25 per ton, in Dorchester and Ashmont, to W. J. Barry, Roslindale, $2.19 per ton, in Roxbury and Hyde Park, to Standard Contg. Co., 1251 Center St., $2.10 each. Noted Apr. 2.

Cement—Milwaukee, Wis.—J. H. Fowles, secy. Sewerage Comn., 508 Market St., 20,000 bbls. Portland cement delivered on Jones Island, to Western Lime & Cement Co., 68 Wisconsin St., at $3 per bbl.

Flusher and Sprinkler—Milwaukee, Wis.—Central Bd. Purchases, City Hall, 2 street flusher and sprinkler units, to Municipal Supply Co., South Bend, Ind., $2,583 each.

Paving Blocks—Milwaukee, Wis.—D. W. Hoan, chn. Central Bd. Purchases, 14 cars more or less 3.5 in. creosoted wood paving blocks, to E. J. Stocking, 111 West Washington St., Chicago, Ill., at $2.07 per sq.yd. Noted Mar. 26.

Asphalt, etc.—Ottawa, Ont.—Bd. Control, City Hall, to Imperial Oil Ltd., Catherine St., asphalt $27.45 in packages, $23.40 in tanks, 150,000 gal. bituminous material; to E. Brule, Ottawa, broken stone $1.64 for 2½ to ¾ in. and $2.10 for ¾ in. and pea; to H. Dupuis & Sons, 273 Laurier Ave. Hill, asphalt sand $1.19 per cu.yd.; to Barrett Bros., Catherine St., 1,200 bbl. cement. Noted Feb. 19.

Road Material, etc.—Ottawa, Ont.—Ottawa Suburban Rds. Comn., Thistle Bldg., 150,000 gal. bituminous road material and asphalt, to Imperial Oil Co., Imperial Oil Bldg., Toronto; 1,200 bbl. cement, to Barrett Bros., Catherine St.; broken stone, to E. Brule, Ottawa, $1.64 to $2.10 per cu.yd.